

SHOCKEY, LLC

P. O. BOX 2530, WINCHESTER, VA 22604
540.667.7700

January 23, 2006

Ms. Tina M. Borger, CPPO
Manager Purchasing Agent
County of Loudoun
1 Harrison Street, S.E., 4th Floor
Leesburg, VA 20177

Dear Tina:

This letter transmits to you an unsolicited conceptual PPEA proposal to finance, design, and construct Loudoun County Adult Detention Center Phase II. Shockey, LLC proposes to partner with the County pursuant to the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 ("PPEA") and corresponding procedures adopted by the County.

Shockey, LLC has assembled a consortium of industry leaders and top professional firms to formulate and execute the plan presented in the proposal. Each team member is committed to the provision of quality space that honors the County's long-standing reputation for fiscal prudence.

Our team has gone to great lengths to assure that the facility proposed herein is in line with the desires of County staff and the community at large. This proposal is for a state-of-the-art facility, well-suited to the needs of the County for years to come.

In accordance with the PPEA guidelines, we enclose a certified check for \$2,500.00 as an advance on any proposal fees assessed by the County. Under separate cover is Volume II of the proposal, which we consider confidential and proprietary. We request that these materials be excluded from public inspection and release under the PPEA and Virginia Freedom of Information Act.

On behalf of our team, I am pleased to submit this proposal and look forward to talking with you and other appropriate officials about its benefits.

Sincerely,



James W. Brinkmeier
Business Development Representative



Selected sections of our team's submission are deemed confidential; as such they are included only in Volume II. They are noted below.

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VOLUME II: CONFIDENTIAL PROPOSAL

Cover Letter

Executive Summary

Qualifications & Experience Volume II ■ Section 1
 e. Financial Statement

Project Characteristics Volume II ■ Section 2
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 f. Schedule
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Project Financing Volume II ■ Section 3
 a. Preliminary Estimate
 b. Financing Plan
 c. Assumptions/Major Elements
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 k. Tax-Exempt Status

Project Benefit & Compatibility Volume I ■ Section 4

**PRESSING NEEDS, CREATIVE SOLUTIONS**

Loudoun County faces several pressing challenges at the Adult Detention Center:

- A rapidly growing county inmate population, with a corresponding need for expanded facilities.
- A diminished ability to incorporate improvements solely through improvements to existing facilities.

As a long-time leader in the business community, Shockey, LLC is fully aware of these challenges and the acute need for expanding the Adult Detention Center in Loudoun County. We also recognize that the County must respond in a fashion that preserves the traditions of integrity and quality that make the County's Detention Center program a model of excellence. However, the County finds itself lacking the capital improvement resources to address these urgent problems in a timely fashion under traditional methodologies.

With the passage of the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 ("PPEA") and the County's adoption of PPEA procedures, a new avenue has opened to allow a private entity to partner with the County to deliver needed public facilities in a timely and cost-effective manner. As a result, the County has an excellent opportunity to address these pressing needs for expansion by creatively partnering in a manner that honors the County's long-standing commitment to high-quality facilities and fiscal prudence.

The Shockey, LLC team proposes a comprehensive plan to design and construct an expansion to the Adult Detention Center with an option for financing should the County choose.

The optional financing option that our team proposes will be financed on a tax-exempt basis utilizing lease revenue bonds issued by FBW Lease Corp. (an affiliate of team member Ferris, Baker Watts), or pursuant to some other structure desired by the County. Should financing be desired, it is contemplated that the County will enter into a triple net lease for the use of the Adult Detention Center Expansion, with the County being responsible for operating costs as it is with all other facilities.

MANY BENEFITS

As noted above, the Shockey, LLC team's proposal includes an addition of 256 beds to the Adult Detention Center in Loudoun County. There are many benefits that will result from this project. Highlights include:

- Relieves over-crowding by adding an additional 256 beds
- Delivers the project two years earlier than tradition design-bid-build method through a turn-key approach
- Provides a knowledgeable team familiar with Phase I of the project and the Planning Study to expand the facility
- Accommodates space needs of growing inmate population by providing room for expansion as necessary
- Reduces cost of housing/transporting inmates to other regional jail facilities
- Offers high-quality, energy-efficient structures designed to last, with reduced life-cycle costs
- Improves life safety conditions for staff and inmates by relieving overcrowding
- Compliments the architectural style and integrity of Phase I of the facility
- Creates local construction jobs involving subcontractors during the life of the project
- Provides for minimal disturbance of natural resources and negative environmental impacts



- Improves life safety for all county residents (with a corresponding decrease in the risk of associated liabilities) through the implementation of new and improved materials and systems.
- Provides a single point of contact responsible for fulfillment of all schedules and budgets.
- Offers complete package including tax-exempt financing, design and construction, utilizing today's low-interest rates.

The Shockey, LLC team is exceptionally qualified to bring about this ambitious project:

- Shockey has been a leader in the development of PPEA opportunities throughout the Commonwealth, with five projects under comprehensive agreement.
- Shockey was named by *Virginia Business* as the 5th largest contractor in Virginia. Its track record in meeting challenging schedules for moderate and large-scale building projects is equally solid. Shockey's current role in the construction of nearly \$260 million in construction projects exemplifies this ability.
- Shockey's team members have also been active in the first public-private developments in Virginia.
- Ferris Baker Watts has the proven ability to create sound financial packages that minimize the financial burden on the public body.
- Our design team has experience at the site, having recently completed the Planning Study to Expand the Adult Detention Center for the County.

We do not take lightly the responsibility implied in making this proposal. Our time and our proposal are equal to this important task.

THE RIGHT SOLUTION

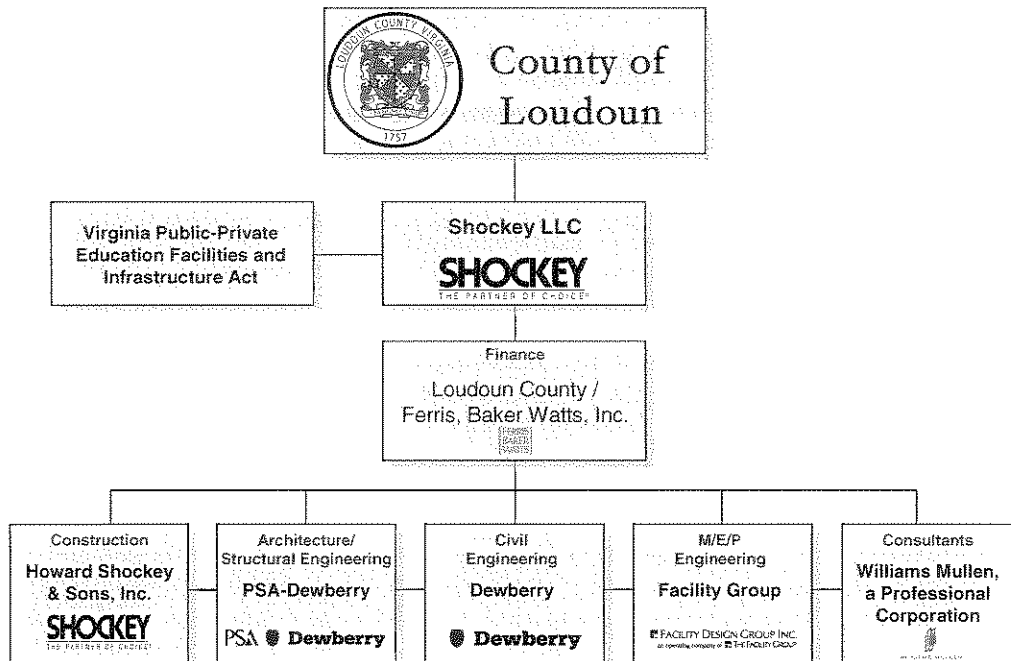
Loudoun County has a long and proud history of providing top-quality, cost-efficient public facilities. Current demands make it necessary that the County act quickly and responsibly in accomplishing the project outlined above. Shockey, LLC is a long-standing member of the Loudoun business community, committed to the community and its future. We would be proud to partner with the County to accomplish the County's objectives in an innovative and cost-effective manner.



SECTION 1:
QUALIFICATIONS & EXPERIENCE
a. Legal Structure & Organizational Chart

- a. Identify the legal structure of the firm or consortium of firms making the proposal. Identify the organizational structure for the project, the management approach and how each partner and major subcontractor in the structure fits into the overall team.

This proposal is being submitted by Shockey, LLC., which has assembled a team of industry and professional leaders. The following constitutes the proposed structure of our team and the consortium of firms that have been assembled thus far.



SHOCKEY, LLC:

Virginia license number 2701001122A.

Primary point of contact

Team leader

Prime construction contractor

PSA-DEWBERRY INC.:

Individual members of this firm are licensed to practice architecture in Virginia. Please see following resumes for license information.

Architecture

Planning

Structural Engineering

Site/Civil Engineering (*Dewberry*)

Other design services

THE FACILITY GROUP:

Mechanical/Electrical/Plumbing Engineering

Programming Review & Validation

WILLIAMS MULLEN, A PROFESSIONAL CORPORATION:

Team members are licensed to practice law in Virginia.

Legal services

Government Affairs



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience, cont.

- b. Describe the experience of the firm or consortium of firms making the proposal, the key principals and project managers involved in the proposed project including experience with projects of comparable size and complexity, including prior experience bringing similar projects to completion on budget and in compliance with design, land use, service and other standards. Describe the past safety performance record and current safety capabilities of the firm or consortium of firms. Describe the past technical performance history on recent projects of comparable size and complexity, including disclosure of any legal claims, of the firm or consortium of firms...

In this section you will find:

- Experience of our Key Team Members including Firm Overviews
- Information on Guarantees & Warranties
- Resumes for Key Personnel

EXPERIENCE OF KEY TEAM MEMBERS:

Shockey, LLC

"You Imagine It – Shockey Can Build It."

Shockey, LLC is the entity submitting this proposal, and will be the team leader for the consortium and primary point of contact for the County. A leader in the construction industry and headquartered in Winchester, VA for more than 110 years, Shockey provides general contracting, at-risk construction management, design-build, preconstruction and turnkey services. Shockey serves the Mid-Atlantic region with considerable presence in the Commonwealth of Virginia. The company is ranked by Virginia Business as the fifth largest contractor in the state (February 2005).

Shockey maintains an excellent safety record with an Experience Modification Rating for the past three years ranging from .70 to .85. Shockey's well-established safety program and focus on accident prevention contributes toward maintaining a safe and healthy environment for all employees, project personnel and members of the general public affected by our construction projects.

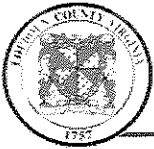
Shockey's performance record is equally strong. Shockey has never failed to deliver a project on-time. The firm's projects range in size from \$1,000,000 to \$80 million and include such high-profile projects as the Potomac Highlands Regional Jail, Rockingham/Harrisonburg Joint Judicial Complex, CFW Regional Jail, Middle River Regional Jail and Loudoun County Adult Detention Center. In addition, Shockey has excellent bonding capacity.

The process of working as a partner with the owner and architect/engineer to successfully develop a construction project, from initial concept through full design and construction, is a primary area of focus for Shockey. Today, Shockey is recognized by owners and architect/engineers as one of the best in the industry at delivering projects using this approach. This is best illustrated by the fact that more than two-thirds of Shockey's annual volume is negotiated work.

Ferris, Baker Watts Incorporated

Ferris, Baker Watts, Incorporated ("FBW"), which has origins dating back to 1900, is an employee-owned, full service investment banking firm and a member of the New York Stock Exchange. As a regional investment bank and securities firm headquartered in Washington, D.C., FBW's primary target market is the mid-Atlantic region including Virginia, Maryland, Pennsylvania, West Virginia, North Carolina, and Washington, D.C., and extending into Michigan and Ohio. FBW has 37 retail offices, of which six are in Virginia, including a retail office in Winchester.

FBW's excess net capital position compares favorably to national firms and exceeds that of most regional firms. Financial strength of this nature gives FBW the capabilities of an investment



SECTION 1:
QUALIFICATIONS & EXPERIENCE

b. Key Team Member Experience, cont.

banking firm many times its size, and enables the firm to underwrite issues in excess of \$200 million.

The Public Finance Department has three strategically located offices to serve our clients in the mid-Atlantic service area. The three offices include Richmond, Virginia; Baltimore, Maryland; and Charleston, West Virginia. The Firm's Municipal Bond Desk actively underwrites, trades and sells tax-exempt and taxable municipal bonds, notes and leases. The professionals who staff the committing desk are responsible for the Firm's large daily inventory of municipal securities, pricing and bidding on new issues, trading securities in the secondary market and supplying the Firm's sales professionals with municipal securities. With an increased emphasis on suitability, and timely and full disclosure in the municipal market, several years ago FBW created a Municipal Research and Surveillance Group to assess the municipal bonds that the Firm underwrites and trades and to communicate those assessments to the Firm's investor clients and sales professionals.

PSA-Dewberry Inc.

Phillips Swager Associates (PSA) was acquired by the Dewberry Companies to create the new firm of PSA-Dewberry. Specifically, PSA operations were merged with the staff of Dewberry Design Group and now operate from offices throughout the Mid-Atlantic, Northeast and the Mid-West. This new design group has current projects in various stages of development totaling near a billion dollars, and has served a wide variety of public clients in the United States in 30 + states to date. Dewberry also has three Maryland offices, who will assist PSA-Dewberry on this project.

The relationship of PSA and Dewberry began in the 1980's and 1990's, when as separate entities, the two firms began working together with localities and state agencies throughout the Mid-Atlantic. Primarily, the work consisted of the design of state correctional, local detention centers, regional jails, and juvenile detention facilities. Today, the combined Fairfax office of PSA-Dewberry has grown to include a staff of 30 architects, interior designers, and support personnel whose correctional clients include: Frederick County, MD; the Maryland Dept. of Public Safety and Correctional Services; the Federal Bureau of Prisons; and the Virginia Department of Juvenile Justice; county detention centers and regional jail clients throughout state amongst others.

With an in-depth knowledge of the issues encompassing correctional design, a clear understanding of governmental design and construction requirements, and recent experience with Loudoun County, PSA-Dewberry is well qualified to address the unique requirements of the Loudoun County Adult Detention Center Expansion Phase II project. We will provide the project management, correctional planning, architectural design and documentation, interior design, structural engineering services, and construction administration services.



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience, cont.

CORPORATE DATA – PSA-DEWBERRY

Established in 1954
<http://www.psadewberry.com>

Offices

Fairfax, VA

Corporate Headquarters
8401 Arlington Boulevard
Fairfax, VA 22031-4666
(703) 698-9050 phone
(703) 698-9049 fax

Boston, MA

31 St. James Avenue, 3rd Floor
Boston, MA 02116
(617) 695-3400 phone
(617) 695-3310 fax

Tulsa, OK

1350 South Boulder, #600
Tulsa, OK 74119
(918) 587-7283 phone
(918) 587-0071 fax

Naperville, IL

40 Shuman Boulevard, #175
Naperville, IL 60563
(630) 548-7000 phone
(630) 548-7001 fax

Dallas, TX

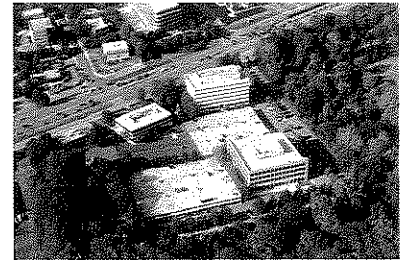
7557 Rambler Road, #670
Dallas, TX 75231
(469) 232-5200 phone
(469) 232-5201 fax

Peoria, IL

401 S.W. Water Street, #701
Peoria, IL 61602
(309) 282-8000 phone
(309) 282-8001 fax

Chicago, IL

343 Dearborn Street, #203
Chicago, IL 60604
(312) 566-9001 phone
(312) 566-9015 fax



PSA-Dewberry Fairfax Offices
Fairfax, Virginia

PERSONNEL

Registered Architects	60
Architectural Design/Production	43
Administration	30
Information Technology	5
Cost Estimating	1
Construction Administration	10
Specification Writing	2
Technology/Security Design	5
Interior Design	12
Landscape Architect	1
Mechanical Engineers	3
Structural Engineers	6
Civil Engineers	4
Electrical Engineers	3
Plumbing Engineers	1
Engineering Design/Production	19
Total	212

Professional Disciplines

Architecture
Structural Engineering
Mechanical Engineering
Electrical Engineering
Plumbing Engineering
Civil Engineering
Fire Protection

Facilities Program Development
Construction Administration
Interior Design
Security/Technology Design
Landscape Architecture
Cost Estimating

Service Markets

Criminal Justice
Government
Commercial
Industrial

Healthcare
Wellness
Fitness
Education

Housing
Recreation
Religious
Federal



SECTION 1: QUALIFICATIONS & EXPERIENCE

b. Key Team Member Experience, cont.

DEWBERRY CORPORATE OVERVIEW

Established in 1956
http://www.dewberry.com

Virginia Offices

- **Fairfax, VA**
Corporate Headquarters
8401 Arlington Boulevard
Fairfax, VA 22031
(703) 849-0100 phone
(703) 849-0118 fax
- **Arlington, VA**
2101 Wilson Boulevard, #200
Arlington, VA 22201
(703) 516-2200 phone
(703) 849-0654 fax
- **Culpeper, VA**
14115 Lovers Lane, #20
Culpeper, VA 22701
(540) 727-2860 phone
(540) 727-2861 fax
- **Danville, VA**
551 Piney Forest Road
Danville, VA 24540-3353
(434) 797-4497 phone
(434) 797-4341 fax
- **Fredericksburg, VA**
4621 Carr Drive
Fredericksburg, VA 22408
(540) 891-9221 phone
(540) 891-9231 fax
- **Leesburg, VA**
602 South King Street, #201
Leesburg, VA 20175
(703) 771-8004 phone
(703) 771-4091 fax
- **Manassas, VA**
Battlefield Business Park
10525 Battleview Parkway
Manassas, VA 20109
(703) 369-4933 phone
(703) 631-2834 fax
- **Richmond, VA**
9881 Mayland Drive, #201
Richmond, VA 23233
(804) 290-7957 phone
(804) 290-7928 fax
- **Winchester, VA**
611 W. Jubal Early Drive
Building B, Suite C
Winchester, VA 22601
(540) 678-2700 phone
(540) 678-2703 fax

Service Markets

Criminal Justice	Healthcare
Government	Wellness
Commercial	Fitness
Industrial	Education

Housing
Recreation
Religious
Federal

Service Disciplines

Architecture	Landscape Architecture
Facilities Program Development	Design-Build
Interior Design	Emergency Management
Structural Engineering	Environmental Engineering
Mechanical Engineering	Federal Program Management
Electrical Engineering	Geographic Information
Plumbing Engineering	Land Development
Civil Engineering	Municipal Infrastructure
Fire Protection	Telecommunications
Security/Technology Design	Transportation
Cost Estimating	Water Resources
Construction Administration	



Dewberry Corporate Headquarters
Fairfax, Virginia

PERSONNEL

Administrative	214
Architects	97
CADD Technicians	150
Civil Engineers	276
Coastal Engineers	2
Computer Specialists	32
Construction Inspectors	100
Cost Engineers/Estimators	4
Disaster Response Specialists	25
Ecologists	4
Economists/Financial Analysts	21
Electrical Engineers	40
Environmental Engineers	43
Environmental Specialists	24
Geologists	5
GIS Specialists	56
Hazardous Materials Specialists	7
Hydrographic Surveyors	28
Hydrologists	8
Interior Designers	11
Land Surveyors	147
Landscape Architects	16
Mechanical Engineers	49
Planners – Urban/Regional	22
Prgm Analysts/Prgm Managers	24
QA/QC Specialists	7
Sanitary Engineers	22
Security Specialists	7
Soils Engineers	8
Structural Engineers	104
Technical Specification Writers	14
Training Experts	3
Transportation Engineers	78
Wetlands Biologists	3
Total	1,651



SECTION 1: QUALIFICATIONS & EXPERIENCE

b. Key Team Member Experience, cont.

The Facility Group

The Facility Group, established in 1986, is a full-service firm that provides professional planning, architecture, engineering, program management and construction management services. With annual revenues of \$250 million, they are recognized for their ability to deliver quality projects according to an accelerated schedule. They are ranked among *Engineering News Record's* annual list of **Top 100 Design/Build Firms** and **Top 500 Design Firms**, and *Building Design and Construction's* **Top 50 Engineer/Architecture Firms**.

Headquartered in Atlanta (Smyrna), Georgia, they operate offices in Seattle, Washington; Newport Beach, California; Chicago, Illinois; Oklahoma City, Oklahoma; and Kansas City, Missouri and employ more than 300 professional planners, architects, engineers, estimators, program managers and construction specialists.

The Facility Group maintains the **FACILITY DESIGN GROUP, INC. (FDG)**. FDG is the architecture and engineering arm of their firm and consists of approximately 60 design professionals qualified in the full range architecture and engineering disciplines. Their award-winning architectural design team has significant experience in all facets of programming, planning, architecture and engineering. FDG is organized into three distinct studios: Criminal Justice, Educational and Industrial.

FDG's Justice Division has extensive experience in planning and programming the full spectrum of justice facilities, including jails, prisons, adult and juvenile detention centers, work-release centers, courthouses, and law enforcement facilities across the United States.

All of their justice planners have been recognized nationally for their ability to deliver the high quality criminal justice planning and programming services. Since 1985, their justice planners have completed **over 300 criminal justice projects**, which include:

- Detailed feasibility studies
- Facility analysis
- Operational analysis
- Inmate population projections
- Site evaluations
- Space Programming
- Scheduling
- Staffing plans and analyses
- Correctional facility architectural programs
- Court architectural programs
- Juvenile architectural programs
- Fire & Rescue architectural programs
- Community-based corrections plans
- Transition and facility activation projects
- Criminal justice needs assessments
- E911/EOC facility programming and planning
- Master site planning
- Landscape architecture

Williams Mullen, A Professional Corporation

Williams Mullen will provide legal services related to the proposal and the project. These services will include coordination and development of contractual arrangements between the parties, as well as assistance with public finance and governmental affairs matters.

Williams Mullen provides comprehensive legal services to regional, national and international business clients. With 250 attorneys, the Virginia-based firm delivers innovative solutions to support its clients' diverse business activities. Comprehensive knowledge, broad-ranging experience and an extensive application of new technology and legal information services have been the foundation of Williams Mullen's progressive approach to law practice since the firm



**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

b. Key Team Member Experience, cont.

was founded more than 90 years ago. Williams Mullen has offices across Virginia (seven locations) and in Washington, D.C.

Williams Mullen attorneys have extensive experience in working with businesses and governmental entities seeking public-private partnering arrangements. The firm has assisted partnership efforts to create public transportation facilities, schools, public safety and correctional facilities, parking facilities, social services buildings, luxury hotels, entertainment and athletic complexes, public parks and golf courses, among others. In Virginia, the firm has been extensively involved in dozens of different proposals under the Virginia Public-Private Education Facilities and Infrastructure Act of 2002 and the Virginia Public-Private Transportation Act. With respect to the PPEA, the firm's lawyers were instrumental in drafting the Act, the Model Guidelines for public entities, and the Commonwealth of Virginia Guidelines. In addition, Williams Mullen attorneys have lectured at several recent seminars on the PPEA and PPTA.

With respect to public finance services, Williams Mullen attorneys have experience representing state and local governments in the issuance of general obligation bonds and revenue bonds for a myriad of different types of public facilities ranging from schools to prisons to urban office buildings and parking garages. The firm has authored approving opinions as bond counsel on both appropriation and subject to appropriation debt structures. Its lawyers are frequently called upon for advice by conduit borrowers, municipalities, banks and corporate trustees on all aspects of public finance, including federal tax laws, regulations and rulings, as well as matters relating to state and local debt.

Julious P. Smith, Jr. Chairman & Chief Executive Officer
R. Brian Ball, Vice President
Donald H. Clark, Vice President
Thomas R. Frantz, President & Chief Operating Officer
Samuel W. Hixon, III, Treasurer
Brooks Hock, Secretary
Catherine M. Marriott, Vice President
Thomas B. McVey, Vice President
James V. Meath, Vice Chairman
Craig L. Mytelka, Vice President
William A. Old, Jr., Vice President
Craig L. Rascoe, Vice President
David A. Reed, Vice President
Malcolm E. Ritsch, Jr., Vice President
John L. Walker, III, Vice President
Howard W. Dobbins, Vice Chairman Emeritus
Danny W. Jackson, Executive Director (Ex Officio)



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience, cont.

- b. Include the identity of any firms that will provide guarantees and warranties, and a description of such guarantees and warranties.

GUARANTEES & WARRANTIES

The members of the project team have the necessary experience in public-private partnerships, design, construction and financing to provide mutually satisfactory guarantees and warranties. The guarantees and warranties required for this project will be included in the final agreement and will reflect the industry standard.



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience, cont.

KEY PERSONNEL

Resumes of the following individuals follow:

Howard Shockey & Sons, Inc.

Jeff Boehm - Vice President

Shockey, LLC (Howard Shockey & Sons, Inc., Sole Member)

Don Cooper - President

Dave King - Vice President

Jeff Boehm - Vice President

Jim Brinkmeier - Business Development Representative

Ferris, Baker Watts Incorporated

Tina K. Neal, Senior Vice President

PSA-Dewberry Inc.

James L. Beight, AIA - Principal-in-Charge

Marlene Walli Shade, AIA, LEED - Project Manager

James M. Matarelli, AIA - Lead Corrections Designer

Brad R. Hall, AIA - Senior Corrections Architect

Brett S. Pudik, AIA - Senior Corrections Architect

J. Michael Henson - Security/Technology Specialist

Timothy W. Smith - Data Communications Specialist

Carroll D. Ringelestein, PE - Structural Engineer

Dewberry

William Fissell, PE - Civil Engineer

Thomas Whipp - Senior Civil Engineer

The Facility Group

Peter G. Rich - Program Review & Validation

Philip E. Poirrier, PE - Engineering Project Manager

Greg R. Brandon, PE - Mechanical Engineer

Mark O'Grady, PE - Electrical Engineer

Mike Mahady, CPD - Plumbing/Fire Protection Engineer

Williams Mullen, A Professional Corporation

Charles E. Wall - Partner

William W. Harrison, Jr. - Partner

Ralph "Bill" L. Axselle, Jr. - Partner

R. Hart Lee - Partner



SHOCKEY, LLC KEY TEAM MEMBERS

DON F. COOPER – PRESIDENT

With over 33 years in construction, Mr. Cooper has experience working in every aspect of the construction business, from estimating to project management to business development. He has achieved consistent success through the creation and management of efficient, goal-oriented teams. Mr. Cooper is the corporate official to whom the owner may turn for resolution of any issue.

JEFFREY S. BOEHM – VICE PRESIDENT

Mr. Boehm has 19 years of experience in construction and real estate development. He incorporates fast track construction procedures, value engineering and strategic thinking as important tools to bring “added value” to clients without sacrificing quality. He provides focus to all of Shockey, LLC’s contracting, estimating and business development functions.

DAVID T. KING – VICE PRESIDENT

Mr. King’s 30 years of experience in construction include the hands-on management of commercial, institutional, retirement, industrial, civil and heavy construction projects. He has experience on competitive bid, negotiated, design-build, fast track and construction management projects. He provides full-time focus and support for all of Shockey, LLC’s construction operations.

JAMES W. BRINKMEIER – BUSINESS DEVELOPMENT REPRESENTATIVE

Mr. Brinkmeier has 27 years of experience in construction and business development. He successfully builds strong relationships based on trust and confidence. He delivers outstanding service while maintaining his focus on customer-centered values.



FERRIS, BAKER WATTS INCORPORATED
KEY TEAM MEMBERS

**TINA K. NEAL, SENIOR VICE PRESIDENT, MUNICIPAL CAPITAL MARKETS,
PUBLIC FINANCE DEPARTMENT, MANAGER, RICHMOND PUBLIC FINANCE**

Ms. Neal brings over 16 years investment banking experience to her role as manager of over 45 issues for 501(c)(3) organizations, corporate borrowers and municipal entities, equating to over \$1.4 billion in par value.

Ms. Neal's financings may take the form of industrial development bonds or municipal lease financings or taxable private placements. Her expertise in project financing allows her to serve a broad range of corporate and municipal investment banking clients, as well as real estate developers and owners. Ms. Neal is also recognized for her role in financing economic development projects and public-private partnerships, and understanding the complex needs of localities and companies. She frequently speaks on the topic of local Industrial Development Authorities and their role in public and private problems, and is a regular speaker for the Virginia Tech Industrial Development Authorities Institute.



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

JAMES L. BEIGHT, AIA
Principal-in-Charge

Mr. Beight has nearly 30 years of experience and is an award-winning designer of public projects with a specialized background in justice and law enforcement. He has extensive experience in correctional and detention facility design and project management, including the new Frederick Work Release Center. He is also the Lead Planner on the Public Safety Master Plan for the County and recently finished working on the Planning Study to expand the County's Adult Detention Center.

SELECTED EXPERIENCE

COUNTY OF LOUDOUN COMMUNITY CORRECTIONS PLAN AND JAIL EXPANSION PLANNING STUDY, LEESBURG, VIRGINIA. Project Designer for the jail expansion planning study of the Loudoun County Adult Detention Center for additional housing, a classification unit and a new intake area, 2005 (study complete)

CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA. Principal-in-Charge/Lead Designer of 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

FREDERICK COUNTY ADULT DETENTION CENTER EXPANSION (PHASE IV), FREDERICK, MARYLAND Principal-in-Charge for the design, construction documentation and construction administration for an addition of 112 general housing unit beds and a 24-bed centralized medical unit for the existing detention facility. The project also includes fire alarm upgrades and re-roofing the existing detention center, \$9.1M, 25,200 SF, 2009(est.)

FREDERICK COUNTY WORK RELEASE CENTER (PHASE III), FREDERICK, MARYLAND

- Principal-in-Charge / Designer for the conversion of the of the existing work release unit into additional administrative offices, a locker room and a muster room for the Frederick County Sheriff Department's staff, 15,000 SF, \$1.7 million (est.), 2006 (est.)
- Principal-in-Charge / Designer for a new, 128-bed, two-story Work Release Facility. The new Work Release facility was designed as a "college dormitory" style, minimum-security facility. The building includes a central court serving as an additional day room space, treatment, library, classroom and other programmed activity spaces, 25,600 SF, \$3.45 million (low bid), 2005

RAPPAHANNOCK REGIONAL JAIL, PLANNING STUDY, STAFFORD, VIRGINIA. Principal-in-Charge of an expansion planning study for a jail serving the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania, 2005 (study complete)

TAZEWELL COUNTY/CITY OF PEKIN PUBLIC SAFETY BUILDING, PEKIN, ILLINOIS. Planner for needs assessment and project indemnification of a new facility for the Pekin Police Department and the Tazewell County criminal justice system, including areas of adult and juvenile detention, sheriff's law enforcement, courts and necessary court supporting agencies, 1997 (study complete)

VIRGINIA DEPARTMENT OF JUVENILE JUSTICE, NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE JUSTICE CENTER, BON AIR, VIRGINIA. Principal-in-Charge and Lead Designer for a new school and medical facility for the Reception and Diagnostic Center (RDC) and the Bon Air Complex as a whole. The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

EDUCATION

- ▣ Master of Architecture, 1986, University of Florida
- ▣ Bachelor of Design, 1977 University of Florida

REGISTRATIONS

- ▣ Architect - Florida, Virginia, Pennsylvania, Maryland, NCARB

AFFILIATIONS

- ▣ American Institute of Architects
- ▣ National Association of Courts Management

AWARDS

- ▣ National Association of Industrial and Office Properties (NAIOP), Northern Virginia Chapter, Ashburn Library: Best New Building in Northern Virginia, Institutional Category, 2003



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

MARLENE WALLI SHADE, AIA, LEED™
Project Manager

Ms. Shade has over 20 years of experience in all phases of the architectural design process from pre-design, through construction documents, bidding and construction administration. With every client, Ms. Shade attempts to achieve a functional project that not only meets the programmatic needs, but also stays within the specified budget and time schedule. She has extensive construction administration experience, and is well-versed in shop drawing reviews and responding to bidding and construction inquiries from the field. Furthermore, Ms. Shade is LEED certified and extremely knowledgeable about the ADA requirements within correctional facilities.

SELECTED EXPERIENCE

RAPPAHANNOCK REGIONAL JAIL, PLANNING STUDY, STAFFORD, VIRGINIA. Senior Project Architect of an expansion planning study for a jail serving the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania, 2005 (study complete)

CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA. Project Manager/Project Architect for a 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

FREDERICK COUNTY ADULT DETENTION CENTER EXPANSION (PHASE IV), FREDERICK, MARYLAND Project Manager for the design, construction documentation and construction administration for an addition of 112 general housing unit beds and a 24-bed centralized medical unit for the existing detention facility. The project also includes fire alarm upgrades and re-roofing the existing detention center, \$9.1M, 25,200 SF, 2009(est.)

FREDERICK COUNTY WORK RELEASE CENTER (PHASE III), FREDERICK, MARYLAND

- Project Manager for the conversion of the of the existing work release unit into additional administrative offices, a locker room and a muster room for the Frederick County Sheriff Department's staff, 15,000 SF, \$1.7 million (est.), 2006 (est.)
- Project Manager for a new, 128-bed, two-story Work Release Facility. The new Work Release facility was designed as a "college dormitory" style, minimum-security facility. The building includes a central court serving as an additional day room space, treatment, library, classroom and other programmed activity spaces, 25,600 SF, \$3.45 million, 2005

VIRGINIA DEPARTMENT OF JUVENILE JUSTICE NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE JUSTICE CENTER, BON AIR, VIRGINIA. Project Manager for the design of a new school and medical facility for the Reception and Diagnostic Center (RDC) and the Bon Air Complex as a whole. The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

TAZEWELL COUNTY / CITY OF PEKIN PUBLIC SAFETY BUILDING NEEDS ASSESSMENT STUDY, PEKIN, ILLINOIS. Team Architect on a needs assessment and project identification of a new facility for the Pekin Police Department and the Tazewell County criminal justice system, including areas of adult and juvenile detention, sheriff's law enforcement, courts and necessary court supporting agencies, 1997

EDUCATION

- Bachelor of Science – Pre-Architecture, 1977, Clemson University
- Master of Architecture, 1984, Clemson University

REGISTRATIONS

- Architect – Virginia, South Carolina, Maryland, NCARB
- LEED™ 2.0 Accreditation, 2004

AFFILIATIONS

- American Institute of Architects
- Secretary, Northern Virginia Society of the AIA, 2004
- Director, Virginia Society of the AIA, 2001-2003

AWARDS

- Maryland Governor's Award of Service, 2003
- AIA, Northern Virginia Chapter, Service to Chapter Award, 2002



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

JAMES M. MATARELLI, AIA
Lead Corrections Designer

Mr. Matarelli is a Senior Lead Designer with over 35 years of experience. He has received numerous design awards for projects including the Alexandria Public Safety Facility, Alexandria, Virginia; Joseph R. Moss Justice Center, Rock Hill, South Carolina; and the North Central Connecticut Correctional Center, Suffield, Connecticut. As the Senior Correctional Designer, Mr. Matarelli will work closely with the County to convert the space program into a functional plan, and will review and advise the project team throughout the design process to ensure that the goals of this program are maintained and supported. A selection of his relevant experience follows:

SELECTED EXPERIENCE

PAMUNKEY REGIONAL JAIL, HANOVER, VIRGINIA. Senior Correctional Planner/Designer for a facility serving the Counties of Hanover and Caroline and the City of Ashland, 318-bed total capacity, 126,756 SF, \$19.9 million, 1998 *Included in AIA/CAJ Justice Facilities Review, 1999-2000*

HAYWOOD COUNTY LAW ENFORCEMENT CENTER, WAYNESVILLE, NORTH CAROLINA. Senior Correctional Planner/Designer for the master plan, site selection, and design of a new, 164-bed jail and Sheriff's Office, 52,255 SF jail, 22,800 SF law enforcement offices, 75,055 SF total, \$12 million, 2005

TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS. Senior Correctional Planner/Designer for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station creating a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 83,000 SF, \$14.7 million, 1998 (study complete), 2003

CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI. Senior Correctional Planner/Designer for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

VIRGINIA DEPARTMENT OF JUVENILE JUSTICE NEW INFIRMARY / SCHOOL BUILDING AT THE BON AIR JUVENILE CORRECTIONAL CENTER, BON AIR, VIRGINIA. Correctional Planner on the design of a new school and medical facility for the Reception and Diagnostic Center (RDC). The school portion of the building will house classrooms, school administrative space, and a gymnasium. The infirmary will provide medical treatment to both RDC wards and to those brought in from other state juvenile correctional facilities; additionally the infirmary consolidates counseling and treatment areas (i.e. substance abuse) from the individual RDC housing units, 42,000 SF, \$8.501 million, 2007 (est.)

NEW CASTLE CORRECTIONAL FACILITY, NEW CASTLE, INDIANA. Senior Correctional Designer for conversion of the existing New Castle State Development Center into a correctional facility for adult male offenders with special needs. The facility includes 1,440 beds in General Population Housing, 128 beds in mental health housing, 100 beds in assisted living housing, 32 beds in the hospice/infirmary, 48 in segregated housing and 200 beds in outside minimum security housing, 600,000 SF, \$100 million, 2002

EDUCATION

- Bachelor of Architecture, 1969, University of Illinois

REGISTRATIONS

- Architect – Illinois

AFFILIATIONS

- American Institute of Architects
Past President, Central Illinois Chapter
Past Chairman of Design Committee
Committee on Justice Awards Jury
- American Jail Association
- American Correctional Association Facility Design Committee



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b. Key Team Member Experience – Resumes

BRADLEY R. HALL, AIA
Senior Corrections Architect

Mr. Hall is highly experienced in all phases of the architectural design process from pre-design, schematic design, design development, construction documents, bidding, through construction administration. He provides building code reviews and coordination of architectural drawings with all engineers with respect to building layout, constructability, mechanical systems, structural systems, and value engineering. He is involved in the complete process of quality assurance reviews, cost estimates, shop drawing reviews, and responds to inquiries in relation to bidding and construction documents.

SELECTED EXPERIENCE

RAPPAHANNOCK REGIONAL JAIL, PLANNING STUDY, STAFFORD, VIRGINIA. Senior Project Architect of an expansion planning study for a jail serving the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania, 2005 (study complete)

PAMUNKEY REGIONAL JAIL, HANOVER, VIRGINIA Senior Project Architect for a facility serving the Counties of Hanover and Caroline and the City of Ashland, 318-bed total capacity, 126,756 SF, \$19.9 million, 1998 *Included in AIA/CAJ Justice Facilities Review, 1999-2000*

RICHLAND COUNTY JAIL, MANSFIELD, OHIO. Senior Project Architect on the study and conceptual design of a new county jail facility adjacent to the existing courthouse and jail. The proposed new two-story facility should house 188 beds and be connected to the existing facility via a bridge connector. Renovations to the existing kitchen facility and renovation of the old jail space into county office storage and support areas was also proposed as part of this program, 60,000 SF, 2003 (study complete), \$14 million, 2007 (est.)

TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS. Senior Project Architect for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS. Senior Project Architect for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA. Senior Project Architect for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/ medical area, \$5 million, 2005

SULLIVAN COUNTY JAIL, BLOUNTVILLE, TENNESSEE. Senior Project Architect for the major jail expansion on a phased construction basis, with 144 new beds and a new intake center, medical, and visiting areas, \$12 million, 2000

EDUCATION

- 1973, Illinois Central College and UTI Technical School

REGISTRATIONS

- Architect – Illinois, Minnesota, Kentucky, Louisiana
- Certified Plans Examiner for BOCA
- Certified Plans Examiner for SBBCI

AFFILIATIONS

- American Institute of Architects
- National Association of Courts Management

AWARDS

- American Institute of Architects
- American Correctional Association
- American Jail Association
- National Fire Protection Association



BRETT S. PUDIK, AIA, NCARB
Senior Corrections Architect

Brett has over 16 years of professional experience including numerous municipal facilities where he was the project architect on projects ranging in size from 27,000 SF to 550,000 SF

SELECTED EXPERIENCE

JEFFERSON COUNTY JAIL, LOUISVILLE, KENTUCKY. Conversion of the existing Metropolitan Sanitary District Building to a county jail facility. This facility has a new intake center, as well as 1,020 new beds, inmate program space, and new county correctional administrative offices. The renovated building is connected by bridge to the Hall of Justice which provides secure movement for food service and inmates from and to the Hall of Justice, \$18.5 million, 1999

STEPHENSON COUNTY JAIL, FREEPORT, ILLINOIS. Correctional Planner/Architect for the design of a new, state-of-the-art security control and surveillance with efficient direct-supervision jail design. This 156-inmate capacity jail has an immediate double-bunking capacity of 200 inmates and future capacity to house 316 total inmates, 61,800 SF, \$9.2 million, 1999

JOSEPH R. MOSS JUSTICE CENTER OF YORK COUNTY, YORK, SOUTH CAROLINA. This 271,400 SF direct-supervision facility consists of a direct supervision jail, sheriff's office facility, and courts facility, all having capability for expansion. The jail and county prison farm consists of 336 beds with a build-out to a total of 672 beds. The criminal courts building with two main courtrooms seats 150 spectators. Also included is a Sheriff's Building consisting of administration, narcotics, detective branches, uniform patrol, evidence, and support functions, 182,500 SF Detention, 89,400 SF Criminal Justice Facilities, \$27 million, 1993

PUTNAM COUNTY JUSTICE CENTER, COOKEVILLE, TENNESSEE. Correctional Planner/Architect for the Justice Center containing the Sheriff's Department, 166-bed detention facility, five courtrooms, and adjunct facilities. The Center is located on a 5.2- acre site across from the County Courthouse and is designed for future expansion, 104,000 SF, \$11.2 million, 1993

GRUNDY COUNTY JAIL EXPANSION PHASE II, MORRIS, ILLINOIS. Correctional Planner/Architect on the jail renovation that added 22 beds, a new dispatch and control center, and three additional secure visiting stations. The entire jail facility received the latest technology in security electronics and controls, booking equipment, new detention lighting, doors, frames, and locks, 5,700 SF, \$1.9 million, 2000

MONTGOMERY COUNTY CORRECTIONAL FACILITY STUDY, CRAWFORDSVILLE, INDIANA Correctional Planner/Architect on a study developing the capacity projections, architectural space program, and site analysis for a new 200+ bed jail for the County, 77,875 SF, \$11.5 million (est.), 2002 (study complete)

MARSHALL COUNTY DETENTION AND SHERIFF'S DEPARTMENT, PLYMOUTH, INDIANA. Correctional Planner/Architect for a feasibility study to evaluate the County's detention and Sheriff Department needs. Three use agencies were studied for space requirements including Jail, Dispatch, and Sheriff's Department. Site options were also studied, 57,207 SF, \$14.5 million (est.), 2002 (study complete)

EDUCATION

- Master of Architecture, 1993, University of Michigan
- Bachelor of Science – Architecture, 1989, University of Illinois

REGISTRATIONS

- Architect – Illinois, Michigan, NCARB

AFFILIATIONS

- American Institute of Architects
- American Jail Association
- National Trust for Historic Preservation
- Frank Lloyd Wright Foundation



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b. Key Team Member Experience – Resumes

J. MICHAEL HENSON
Technology/Security Specialist

Mr. Henson is the leader of the PSA-Dewberry Technology Studio which serves as a national technical design resource for the entire Dewberry enterprise. He has extensive experience planning, designing and managing complex municipal, state, federal and private sector security projects

SELECTED EXPERIENCE

WESTERN TIDEWATER REGIONAL JAIL SECURITY AND LIFE SAFETY RENOVATION, SUFFOLK, VIRGINIA. Technology/Security Specialist for the renovation of the security electronics system including new PLC-based touch screen system integrating; door control and monitoring, CCTV system and security intercom/paging. Each control room will be renovated with new casework and equipment. A new addressable fire alarm system will be installed throughout the entire facility to achieve a required code compliance including full annunciation in control rooms. Modifications to the fire suppression system will occur to improve operational use of the system, 157,000 SF, \$3 million, 2007 (est.)

CENTRAL VIRGINIA REGIONAL JAIL ADDITIONS AND RENOVATIONS, ORANGE, VIRGINIA. Technology/Security Specialist for a 100-bed housing expansion and interior renovation of existing regional jail. Project included expansion of visitation, laundry, and administration, construction of new special needs housing and a new vehicle sallyport, and major site improvements, 23,000 SF, \$5.1 million, 2001

KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS. Technology/Security Specialist for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS. Technology/Security Specialist for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

HAYWOOD COUNTY LAW ENFORCEMENT CENTER, WAYNESVILLE, NORTH CAROLINA. Technology/Security Specialist for the master plan, site selection, and design of a new, 164-bed jail and Sheriff's Office, 52,255 SF jail, 22,800 SF law enforcement offices, 75,055 SF total, \$12 million, 2005

LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA. Technology/Security Specialist for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/medical area, \$5 million, 2005

EDUCATION

- Bachelor of Business Administration / Associate of Industrial Electronics, 1980, Illinois State University
- Industrial Security System Design & Application, 1991, University of Wisconsin

REGISTRATIONS

- Class C Professional Private Security Alarm Contractor License – Illinois Department of Professional Regulation

AFFILIATIONS

- American Correctional Association
- American Society of Industrial Security
- American Institute of Architects
- Building Industry Consulting Services International
- National Systems Contractors Association



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QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

TIMOTHY W. SMITH, CSI, RCDD/WD®

Security and Communications Specialist

Mr. Smith is PSA-Dewberry's Senior Technology Designer. With vast experience with new construction and renovation projects, his expertise can be utilized in many project applications. His security expertise includes but is not limited to: Closed Circuit Television, Digital Video Recording, Intercom Systems, Perimeter Fence Electronics, Access Control, Staff Duress, Programmable Logic Controls and Graphical User Interface Based Security Control Systems.

SELECTED EXPERIENCE

WESTERN TIDEWATER REGIONAL JAIL SECURITY AND LIFE SAFETY RENOVATION, SUFFOLK, VIRGINIA. Technology/Security Specialist for the renovation of the security electronics system including new PLC-based touch screen system integrating door control and monitoring, CCTV system and security intercom/paging. Each control room will be renovated with new casework and equipment. A new addressable fire alarm system will be installed throughout the entire facility to achieve a required code compliance including full annunciation in control rooms. Modifications to the fire suppression system will occur to improve operational use of the system, 157,000 SF, \$3 million, 2007 (est.)

RICHLAND COUNTY JAIL, MANSFIELD, OHIO. Security and Communications Specialist on the study and conceptual design of a new county jail facility adjacent to the existing courthouse and jail. The proposed new two-story facility should house 188 beds and be connected to the existing facility via a bridge connector. Renovations to the existing kitchen facility and renovation of the old jail space into county office storage and support areas was also proposed as part of this program, 60,000 SF, 2003 (study complete), \$14 million, 2007 (est.)

LAFAYETTE PARISH CORRECTIONAL CENTER RENOVATIONS, LAFAYETTE, LOUISIANA. Security and Communications Specialist for the jail renovation study and multi-phase design project to provide renovations and expansions to the facility. The first phase includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security. The second phase provides renovations and retrofits for the jail including a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/medical area, \$5 million, 2005

CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI. Security and Communications Specialist for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

KNOX COUNTY LAW ENFORCEMENT CENTER, GALESBURG, ILLINOIS. Security and Communications Specialist for the design and construction of a new 120-bed correctional facility, together with related facilities and improvements including an addition to the existing public safety building. The new facility, located in downtown Galesburg, houses a new jail in a podular design. In addition, renovation for ADA compliance standards were completed in the existing jail facility, 38,700 SF, \$7.1 million, 2003

TAZEWELL COUNTY JUSTICE CENTER, PEKIN, ILLINOIS. Security and Communications Specialist for the design of a new county justice center housing 220 beds. The facility includes direct supervision housing pods, video arrangement court, video visiting and a 25,000 SF Law Enforcement/Administration component with an 80 capacity training/multipurpose room. The Justice Center is sited with the Pekin City Hall/Police Station to create a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, 91,000 SF, \$14.7 million, 1998 (study complete), 2003 *Included in the AIA/CAJ Justice Facilities Review, 2004-2005*

EDUCATION

- Technicians Diploma, 1984, DeVry Institute, Kansas City, Missouri

REGISTRATIONS

- Registered Communications Distribution Designer (RCDD®)
- Systimax ACE Program
- Certification for Wireless Design from BICSI

AFFILIATIONS

- Building Industry Consulting Services International
- American Society of Industrial Security
- National Systems Contractors Association
- Construction Specifications Institute
- National Association of Chiefs of Police



CARROLL D. RINGELESTEIN, PE

Senior Structural Engineer

As a Senior Structural Engineer for PSA-Dewberry, Carroll provides leadership to the entire Structural Group. He often serves dual roles on projects, as both Project Manager and Structural Engineer and interfaces with all other architectural / engineering disciplines as required.

SELECTED EXPERIENCE

CASS COUNTY JUSTICE CENTER, HARRISONVILLE, MISSOURI. Senior Structural Engineer for the design of a new County Justice Center facility including a courts building with prosecuting attorneys' offices, circuit clerk's offices and judge's chamber, room for four full-service courtrooms with expansion for four future courts. Also included in the facility are a sheriff's law enforcement office and 150-bed adult jail, juvenile office and 16-bed juvenile detention facility, \$33.3 million, 2003

ROCK ISLAND COUNTY JAIL & COURTS, ROCK ISLAND, ILLINOIS. Senior Structural Engineer for a jail addition of 120 minimum-security beds, three full-service felony courtrooms and support spaces. This addition increases the jail's capacity to 325 beds and provides required support and program spaces, 54,865 SF, \$10.4 million, 2000

AURORA, PUBLIC SAFETY FACILITY, AURORA, ILLINOIS. Senior Structural Engineer for a facility needs assessment, design and implementation of a new combination Police and Fire District Station that would encompass fire and police operations, 22,000 SF, \$5.1 million (est.), 2006

ST. CHARLES POLICE DEPARTMENT, SAINT CHARLES, MISSOURI. Senior Structural Engineer. Prior to beginning the design process, PSAD assisted the City by evaluating options to remodel and expand the existing facility, include or exclude the municipal court, and build two new facilities on one of seven sites considered. The design solution is located on a prominent suburban corner site, adjacent to a residential neighborhood, and includes two levels plus a partial basement. The building serves one of the ten largest police agencies in Missouri and the municipal court, 63,500 SF, \$10 million, 2003

CITY OF MOLINE NEW POLICE FACILITY, MOLINE, ILLINOIS. Senior Structural Engineer for the design and construction of a 3-level building on urban site with underground parking. LEED certification being sought, 66,400 SF, \$11 million, December 2005

CITY OF BLOOMINGTON POLICE FACILITY, BLOOMINGTON, ILLINOIS. Project manager and structural engineer for a new police facility and attached three level parking garage, 42,000 SF

MCLEAN COUNTY, BLOOMINGTON, ILLINOIS. Project manager and structural engineer for a new centralized communication center facility housing the county-wide public safety two-way radio system and E-911 operations staff, 6,500 SF

U.S. FEDERAL COURTHOUSE, ROCKFORD, IL. Senior Structural Engineer for a new federal courthouse to be built in the central business district in compliance with GSA's Design Excellence Criteria and the GSA/ISC Design Criteria for Courthouses and Federal Facilities. The project includes 52 secure interior parking spaces, 170,900 SF (including parking), \$54 million (est.), 2007

EDUCATION

- BS, Civil Engineering, Iowa State University, 1978

REGISTRATIONS

- Professional Engineer
Virginia, Iowa, Indiana,
Maryland, Michigan,
Missouri, Texas
- NCEES
- Certified Construction
Specifier - CSI

AFFILIATIONS

- National Society of
Professional Engineers
- American Society of Civil
Engineers



WILLIAM FISSELL, PE

Senior Civil Engineer

Mr. Fissel is Branch Manager of the Leesburg office and a Senior Vice President of Dewberry. His responsibilities include the overall direction of the Leesburg office and the coordination of planning activities, including feasibility studies, rezonings, special exceptions, conceptual design studies and preliminary subdivisions for both residential and commercial properties. Mr. Fissel has extensive experience in all aspects of land development. His responsibilities have included the design of site plans for commercial and residential developments, and special studies including hydraulic studies, as well as technical, preliminary engineering and land feasibility studies.

SELECTED EXPERIENCE

LOUDOUN HOSPITAL, CORNWALL SITE, HITT CONTRACTING INC., TOWN OF LEESBURG, VA.

Principal-In-Charge. Provided site civil and surveying services for this new emergency room. Approximately 12,000 SF of the former Loudoun Hospital facility was converted into the emergency facility. The project was granted expedited review processing in order for the developer to meet the fast track timeline imposed by the Hospital.

LOUDOUN PARKWAY CENTER, RELIANCE INSURANCE COMPANY, LOUDOUN COUNTY, VA.

Project Manager. Provided the schematic design associated with the replanning of a 108-acre portion of an existing commercial office development. Specific design considerations included organization of the remaining undeveloped parcels to provide approximately one-million SF of office space to accommodate the phased occupancy by a major user. In addition, limited commercial retail space was identified for more visible positions along VA Route 28.

LOUDOUN HOSPITAL CENTER, MEDICAL OFFICE BUILDING ADDITION, FOULGER PRATT CONTRACTING LLC, ASHBURN, VA.

Principal-In-Charge. Provided site civil and surveying services for this 108,000-SF medical building addition to the existing Loudoun Hospital facility. Also assisted in securing site development related permits through Loudoun County. Project design began in April of 2002, with final site plan approval granted in August of 2003. The project is currently under construction with an anticipated completion date in the spring of 2005.

ASHBURN FARMS, LOUDOUN COUNTY, VA. Project Manager responsible for surveying for the entire project, including design of 2,950 LF of 4-lane divided street; improvements to 1,600 LF of Cedar Lane; design of a 6,630-LF, 16-inch water main with pressure reducing valve and vault; site plans with storm sewer, sanitary sewer, water mains, building locations and interior parking for townhouse and single-family subdivisions, and the site plan, landscaping and siltation and erosion control plan for the Village Recreation Center.

GREENWAY FARM, LEESBURG, VA. Project Engineer and Planner for the master planning, rezoning, site engineering, conceptual landscape and signage guidelines for a 170-acre residential development in Loudoun County. Program provisions included 500 residential units, commercial and public and community facilities.

LOUDOUN GATEWAY, LOUDOUN COUNTY, VA. Project Engineer and for the schematic design associated with the replanning of a 108-acre portion of an existing commercial office development. Specific design considerations included organization of the remaining undeveloped parcels to provide approximately 1-million SF of office space to accommodate the phased occupancy by a major user. In addition limited commercial retail space was identified for more visible positions along VA Route 28, a major approach to Washington Dulles International Airport. Services included research of existing as-builts, proffered development conditions and outstanding bonding considerations associated with the existing development.

EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 1976

REGISTRATIONS

- Professional Engineer, Virginia, 1980
- Designated Plans Examiner, Fairfax County, Virginia

AFFILIATIONS

- National Society of Professional Engineers
- Northern Virginia Building Industry Association
- Engineers & Surveyors Institute



THOMAS R. WHIPP

Civil Engineer

Mr. Whipp has extensive experience in a variety of land development projects within Loudoun County. He has been responsible for the supervision of design, construction document preparation and coordination with clients and governmental agencies. He is familiar with ordinances and plans processing in both the Town of Leesburg and Loudoun County, Virginia. He has extensive experience in the development of stormwater infrastructure for Loudoun County.

AFFILIATIONS

- Engineers & Surveyors Institute

YEARS OF EXPERIENCE

- Dewberry = 28

SELECTED EXPERIENCE

COUNTY OF LOUDOUN COMMUNITY CORRECTIONS PLAN AND JAIL EXPANSION PLANNING STUDY, LEESBURG, VIRGINIA. Civil Engineer for the jail expansion planning study of the Loudoun County Adult Detention Center for additional housing, a classification unit and a new intake area, 2005 (study complete)

LOUDOUN COUNTY FIRE AND RESCUE TRAINING CENTER, LOUDOUN COUNTY DEPARTMENT OF MANAGEMENT SERVICES, LOUDOUN COUNTY, VA. Civil Engineer. Providing complete A/E services. The purchase of a large tract of land and the construction of several other county government facilities has allowed for the expansion of this well-utilized training center including a new three-story burn building and a small storage/control building. A large 20,000 high bay training field house is also planned with locker rooms, storage/workrooms, and an indoor fire training building (for inclement weather use). A 15,500-SF two-story addition to the existing administration/classroom building also is planned, as well as the development of approximately 15 acres of the new land purchase.

HOWARD HUGHES MEDICAL INSTITUTE LANDSCAPE, JANELIA FARM RESEARCH CAMPUS, RAFAEL VINOLY ARCHITECTS, PC, LOUDOUN COUNTY, VA. Project Manager. Providing full landscape architectural services inclusive of green roof and site landscape, site civil and surveying services. The campus includes a 450,000-SF research/laboratory building and supporting housing consisting of a 100-room "hotel" connected to the Landscape Building via an underground pedestrian tunnel, and 56 individual long-term housing units. The coordination and relocation of the site utilities, the understanding of the various required approval processes, and the ability to provide a variety of site civil services are critical to the success of this fast-track process.

LOUDOUN HOSPITAL CENTER, MEDICAL OFFICE BUILDING ADDITION, FOULGER PRATT CONTRACTING LLC, ASHBURN, VA. Project Manager. Provided site civil and surveying services for this 108,000-SF medical building addition to the existing Loudoun Hospital facility. Also assisted in securing site development related permits through Loudoun County.

BRITISH AEROSPACE TRAINING CENTER, BRITISH AEROSPACE, INC., LOUDOUN COUNTY, VA. Principal-In-Charge. Provided overall site evaluation and development planning, master planning, boundary and topographic surveys, and site engineering. Also provided complete architecture and building engineering services as well as space planning and interior design for the flight simulator training facility. Phase II services included preparation of the overall grading and utility analysis, preliminary site plan, and final site plan for the approximately 39-acre fleet warehouse site.

INTERNATIONAL PAVILION, UNIWEST GROUP, LLC, LEESBURG, VA. Project Manager. Site design and layout engineering services were provided for this 50-acre commercial development. The design incorporated 130,000 SF of building space with associated vehicular and pedestrian access throughout the site. The design features several outdoor plazas as well as an aesthetic wet pond and extensive green space.



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

PETER G. RICH
Program Review & Validation

As Senior Vice President and the National Criminal Justice Director for The Facility Group, Peter Rich is responsible for all criminal justice projects. Since 1985, he has directed or assisted with over 250 correctional projects involving more than 45,000 beds. Peter has developed pre-architectural programs for over 50 correctional facilities, 20 law enforcement centers, 10 court facilities, 22 state prisons and 10 juvenile detention centers. He also has prepared over 40 staffing plans, delivered training to more than 5,000 correctional staff nationwide and has assisted 20 agencies with transition services for opening new correctional facilities.

Peter's extensive experience with facility planning has involved all types and sizes of projects, including low-rise, mid-rise and high-rise buildings for new, renovated, expanded and converted facilities. Prior to joining The Facility Group, Peter was the president of CSG Consultants. Prior to this, he was Vice President of Correctional Services Group. Both firms were nationally recognized criminal justice consulting firms.

From 1982 to 1985, Peter served as a Corrections Program Specialist with the National Institute of Corrections (NIC). During his three and a half years with NIC, he was responsible for training nearly 3,000 correction professionals at the National Academy of Corrections. Prior to his employment with NIC, Peter worked for the United States Justice Department, Federal Bureau of Prisons. During his eight years with that agency, he held departmental administrative positions at three prisons. A summary of Peter's relevant experience includes:

EDUCATION

- Master of Education, 1969, University of Pittsburgh
- Bachelor of Science, 1967, University of Pittsburgh

AFFILIATIONS

- American Correctional Association
- American Jail Association
- National Sheriffs Association

SELECTED EXPERIENCE

JAIL PROJECTS

- Arapahoe County Jail - Littleton, CO
- Bibb County Jail - Macon, GA
- Broward County Jail - Ft. Lauderdale, FL
- Chesapeake City Jail, VA
- Durham County Jail - Durham, NC
- Greenville County Jail - Greenville, SC
- Hennepin County Jail - Minneapolis, MN
- Hillsborough County Central Jail - Tampa, FL
- Jackson County Jail - Kansas City, MO
- Loudon County Jail - Leesburg, VA
- Milwaukee County Jail - Milwaukee, WI
- Morris County Jail - Morristown, NJ
- Shelby County Jail - Memphis, TN
- St. Louis County Jail - St. Louis, MO

LAW ENFORCEMENT PROJECTS

- Cherokee County Sheriff's Office - Canton, GA
- College Park Public Safety Facility, GA
- Hamilton County Sheriff's Office - Chattanooga, TN
- Johnson County Sheriff's Office - Olathe, KS
- Milwaukee County Sheriff's Office - Milwaukee, WI
- McGee Police Department, MS
- Rock County Sheriff's Office - Janesville, WI
- Washington County Sheriff's Office - Stillwater, MN
- Waupaca County Sheriff's Office - Waupaca, WI



PHILIP E. POIRRIER, PE
Engineering Project Manager

Philip Poirrier has nearly 20 years of design and construction experience, managing projects for high profile clients such as Lockheed Martin Aeronautical Systems and National Gypsum Company. His responsibilities include assisting clients with scope development and defining project deliverables. His expertise ranges from electrical design and construction cost estimating for medium and low voltage power distribution, emergency power distribution, lighting, and systems, to conducting field surveys of existing airports to determine the appropriate locations to install Explosive Trace Detection (Em) systems.

As a Professional Engineer, Philip has completed extensive installation and/or renovation projects involving electrical systems that serve company-wide, highly-secure and highly-critical data processing centers. As a Project Manager, he has completed projects that included modifications to switch gear and unit substations, reconfigurations of existing UPS systems to provide isolated redundant connections, monitoring and control system modifications, HVAC modifications, and building modifications. On many of these projects he has executed all of the additions and modifications without disrupting ongoing computer room operations.

SELECTED EXPERIENCE

BIBB COUNTY LAW ENFORCEMENT CENTER, MACON, GA. Needs Assessment and design/build delivery of a \$30 million project to add 192 beds in a new stand-alone, minimum-security adult detention center, and a two-story, 264-bed addition to the existing complex to provide new intake, booking, kitchen, laundry, medical and visitation areas.

CITY OF CHAMBLEE PUBLIC SAFETY BUILDING, CHAMBLEE, GA. New 18,000-SF facility. Design included electrical and power systems for CCRV, access control systems, and communications raceway systems.

CR BARD, COVINGTON, GA. New 94,000-SF facility for the sterilization of surgical equipment. Included process controls

SHAW INDUSTRIES, CARTERSVILLE, GA. 631,000-SF facility for carpet manufacturing facility

FOSTER FARMS, WA. New \$28 million, 130,000-SF poultry processing and packaging facility

MCNEIL SPECIALTY PRODUCTS, JOHNSON & JOHNSON, MACINTOSH, AL. New 75,000-SF processing facility for sugar substitute syrups and dry products. Design included power and electrical distribution systems for line automation.

NATIONAL GYPSUM BUILDING, SHIPPINGPORT, PA. New 400,000-SF production facility on a 116-acre site.

NATIONAL GYPSUM- WALLBOARD FACILITY, TAMPA, FL. New 400,000-SF production facility on a 150 acre site. Design included electrical and power systems to support facility and automation systems.

LOCKHEED MARTIN AERONAUTICAL SYSTEMS, MARIETTA, GA. Renovation to 600,000-SF of existing manufacturing floor space. Project was a very complex renovation in which construction took over a year to complete.

EDUCATION

- Bachelor of Science, Engineering Technology, Southern College of Technology
- Associate Degree in Business Administration, Waycross College
- 100+ hours of Training in Project Management and Engineering related courses

REGISTRATIONS

- Registered Professional Engineer - Georgia, Alabama, Mississippi, North Carolina, Pennsylvania



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

GREG R. BRANDON, PE
Mechanical Engineer

Greg Brandon is responsible for designing industrial ventilation and air conditioning systems. His specific responsibilities include selecting equipment and components of industrial ventilation systems, coordinating with other trades, preparing plans, developing specifications and piping layouts from conception through completion and preparing contract administration. Greg has designed industrial ventilation, air conditioning and process piping systems for various size projects in the private and public sectors. Systems for these projects include process ventilation, environmental treatment, pressure maintenance and fume loader control. In designing these systems, Greg focuses on providing safe and comfortable working environments that incorporate energy efficient and cost-effective characteristics whenever possible. Relevant project experience for Greg includes:

SELECTED EXPERIENCE

SOF MAINTENANCE FACILITY (CORPS OF ENGINEERS, MOBILE DISTRICT), EGLIN AFB, FL. 7500-SF, single-story facility including office space, classroom, conference room and support for the 719th and 16th Maintenance Squadrons.

IDIQ CONTRACTS FOR A/E SERVICES, ROBINS AFB, GA. Several projects, including industrial facilities and administrative buildings as well as HVAC and electrical system replacements.

KC-135 SQUADRON OPERATIONS FACILITY, ROBINS AFB, GA. Mechanical design of a 48,650-SF operations facility, administrative offices, conference rooms, locker/shower areas and classrooms for the 19th Air Refueling wing.

PICKENS COUNTY HIGH SCHOOL, JASPER, GA. Design and master planning of a new \$11.5 million, 154,000-SF replacement high school.

PICKENS COUNTY MIDDLE SCHOOL, JASPER, GA. Design of a \$1.2 million, 15,930-SF expansion to the existing middle school, consisting of ten regular classrooms, along with a Music Hall (choral and band). Completed on time and under budget.

TATE ELEMENTARY SCHOOL, JASPER, GA. This \$900K, 17,590-SF expansion, consisted of a six-classroom addition; new media center; new physical education facility; and improved playground space, sprinkler system and wiring. The project was completed on time and under budget.

WALTON HIGH SCHOOL, MARIETTA, GA. Full architectural and engineering design services for a \$1.2 million addition and renovation to bring full-time enrollment to 2,318 students.

SPRAYBERRY HIGH SCHOOL, MARIETTA, GA. Complete architectural and engineering design for the 8,000-SF Physical Education facility.

EDUCATION

- Bachelor of Science, Mechanical Engineering Technology, 1977, Southern Technical Institute

REGISTRATIONS

- Registered Professional Engineer - Virginia, Alabama, California, Connecticut, Washington, DC, Florida, Georgia, Hawaii, Illinois, Indiana, Kentucky, Louisiana, Massachusetts, Maryland, Michigan, Missouri, Mississippi, North Carolina, Nebraska, New Jersey, Nevada, New York, Ohio, Oregon, Pennsylvania, Texas, Utah, Washington, Wisconsin, and West Virginia

AFFILIATIONS

- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
- Certified Energy Manager (CEM®)
- National Society of Professional Engineers (NSPE)
- National Council of Examiners for Engineering and Surveying (NCEES)



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

MARK O'GRADY, PE
Electrical Engineer

Mark O'Grady is responsible for the overall management and operations of the electrical engineering group. He manages the day-to-day electrical engineering design of all projects, and is responsible for quality control and standardization of engineering concepts. He maintains full responsibility for all design, production of contract documents, contract administration and engineering discipline communication.

With more than 19 years of experience in engineering and designing electrical power distribution and control systems, Mark's responsibilities have included supervising CAD personnel and other design staff, reviewing vendor and shop drawings, scheduling, man-hour and capital cost estimates, bid evaluations, and communication and coordination with the client and utility company.

SELECTED EXPERIENCE

KANKAKEE COUNTY DETENTION CENTER, KANKAKEE, IL. Program Management, Comprehensive Architectural, Engineering Design and Construction Management services for Phase I of the county's new \$19.5 million, 312-bed, 100,000-SF jail complex. Phase II turn-key services will manage the addition of 144-beds, with growth to 384-beds, and is planned to complete in late 2006.

MEADOWBROOK FARMS PORK PROCESSING FACILITY, RANTOUL, IL. Design/build services with a Guaranteed Maximum Price for a new 3,000 head per day pork processing plant. Electrical design services include all power, lighting, communication, security and fire alarm systems for the plant facility and an offsite waste water treatment facility.

CITY OF ATLANTA WASTEWATER PUMP STATIONS UPGRADE, ATLANTA, GA. Provided the electrical, mechanical and civil engineering design services for the City of Atlanta Wastewater pump station program that has an estimated construction budget in excess of \$6 million. The City operates fourteen wastewater pump stations that consist of a variety of pneumatic ejectors, centrifugal, submersible, and screw lift pumps. Electrical design services included power, control and instrumentation upgrades to modernize facilities.

ABERNATHY ARTS CENTER, FULTON COUNTY, GA. Complete design/build professional services for the Abernathy Arts Center located in north Atlanta. This project consists of an approximately 4,000 SF one-story Arts and Crafts facility that houses two classrooms, a kitchen, an administration office with associated reception area, an exhibit hall, interior and exterior restrooms and an exterior patio. All electrical design services provided including; power, lighting and security systems.

SCOTT CANDLER WATER FILTRATION PLANT EXPANSION, DEKALB COUNTY, GA. Electrical engineering design services for expansion and upgrade of treatment processes for the new millennium. This filter plant presently has the permitted capacity to produce 128 million gallons per day (MGD). Each year it treats an average of approximately 85 MGD and provides drinking water to over 576,000 customers. Electrical design services included all power, lighting, security and communication systems for the entire plant administrative building including; offices, labs, training facilities and mechanical rooms.

MONROE AREA HIGH SCHOOL, MONROE, GA. Programming, planning, and full architectural and engineering design for a new \$20 million 228,000-SF high school to accommodate 1,262 students with a core capacity of 1,500 for future planned expansion.

EDUCATION

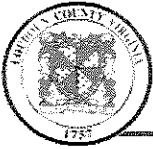
- Bachelor of Science,
Electrical Engineering,
1987, University of Illinois

REGISTRATIONS

- Registered Professional
Engineer - Georgia, Illinois,
Arkansas, Indiana, Texas,
South Carolina, California,
Florida, Alabama

AFFILIATIONS

- Institute of Electrical &
Electronic Engineers



SECTION 1:
QUALIFICATIONS & EXPERIENCE
b. Key Team Member Experience – Resumes

MIKE MAHADY, CPD
Plumbing/Fire Protection Engineering

Mike Mahady is responsible for defining fire protection systems, equipment and components for all projects, preparing contract documents, plans, specifications and construction contract administration. He establishes contact with the owner's insurance underwriters and coordinates engineering solutions to potential loss exposures for buildings.

Mike's design capabilities and 27 years of experience include water systems using city water systems, well water systems, gravity storage tank systems and pressure booster pump systems. He also has completed plumbing systems for both site and interior above and below grade, as well as industrial and control compressed air systems, gas systems (natural, propane, oxygen, acetylene, argon, and hydrogen), waste oil collection systems, and chemical, industrial, and process waste piping systems.

Mike's experience in fire protection systems includes foam deluge systems (AFFF and protein), storage tanks, multiple fire pump houses, hydraulic and pipe schedule automatic sprinkler systems, CO2 and Halon 1301 fire extinguishing systems, hose stations and standpipe systems, and yard piping systems. He is familiar with the requirements of the National Fire Protection Association, Factory Mutual Associations and Industrial Risk Insurers.

SELECTED EXPERIENCE

KANKAKEE COUNTY DETENTION CENTER, KANKAKEE, IL. Program Management, Comprehensive Architectural, Engineering Design and Construction Management services for Phase I of the county's new \$19.5 million, 312-bed, 100,000-SF jail complex. Phase II turn-key services will manage the addition of 144-beds, with growth to 384-beds, and is planned to complete in late 2006.

BIBB COUNTY LAW ENFORCEMENT CENTER, MACON, GA. Needs Assessment and design/build delivery of a \$30 million project to add 192 beds in a new stand-alone, minimum-security adult detention center, and a two-story, 264-bed addition to the existing complex to provide new intake, booking, kitchen, laundry, medical and visitation areas.

MUSCOGEE YOUTH DEVELOPMENT CAMPUS, MUSCOGEE COUNTY, GA. Design, Program Management and Construction Management services for a new campus that is comprised of an 80-bed Regional Youth Detention Center (RYDC) and a 70-bed Youth Development Campus (YDC) on the same 23-acre site. The RYDC is a maximum-security facility for pre-trial youth offenders, and the YDC is a medium-security facility comprised of six stand-alone, single-story cottages where post-trial youth offenders are educated and counseled for rehabilitation.

SUMMIT COUNTY JUVENILE JUSTICE CENTER, OH. This facility includes new construction and renovation. New construction components include new courtrooms and offices for the Court Administrator, Clerk, and offices for the judges and magistrates. In addition, a 28-bed addition to the existing 72-bed detention facility will be added. Vacated space in the existing courthouse will be renovated for use by other department that supports the juvenile court system. Facility Design Group is the lead designer on this project.

EDUCATION

- South Georgia College
- Cobb Area Vocational School, Drafting and Design Technology
- DeKalb Junior College, Engineering Courses
- Kennesaw College, Management Course

CERTIFICATIONS

- Certified in Plumbing Design (CPD)

AFFILIATIONS

- American Society of Plumbing
- Society of Fire Protection Engineers



WILLIAMS MULLEN, A PROFESSIONAL CORPORATION

KEY TEAM MEMBERS

CHARLES E. WALL, PARTNER

Mr. Wall, a partner in the Business Section at Williams Mullen, has represented numerous private entity teams in partnering proposals to state agencies, local governments, regional authorities and school boards across the Commonwealth. He has negotiated Comprehensive Agreements for new schools, public safety facilities and correctional facilities under the PPEA, as well as new transportation facilities pursuant to the PPTA. Mr. Wall was appointed by the Virginia General Assembly to serve on the 2005 committee to revise the PPEA's Model Guidelines for public entities, and he has lectured extensively on the PPEA and PPTA before legislative bodies, government officials, trade and professional associations, and other lawyers.

WILLIAM W. HARRISON, JR., PARTNER

Mr. Harrison concentrates his practice in public finance through the issuance of tax-exempt bonds and the use of public-private partnership structures. As a former two-term member of Virginia Beach City Council, Mr. Harrison gives business and real estate advice to clients doing business with local governments. He specializes in complex and structured financial arrangements for all types of commercial developments and multi-family housing projects. He has rendered approving opinions and bond counsel and underwriter's counsel on a wide variety of debt issuances, at both the state and local levels. He is also experienced in proposals and partnership agreement under the PPEA.

RALPH L. "BILL" AXSELLE, JR., PARTNER

Mr. Axelle's practice concentrations include regulatory, lobbying and administrative law, which he practices before numerous state agencies and local governments. He is also experienced in public-private partnerships, and has been extensively involved in about a dozen proposals under the PPTA and PPEA. With respect to the PPEA, Mr. Axelle was instrumental in drafting the Act, he was appointed by the Virginia General Assembly to a committee that reviewed the Model Guidelines, and he was consulted in development of the Commonwealth of Virginia Guidelines. He served in the Virginia House of Delegates from 1974 through 1990.



SECTION 1: QUALIFICATIONS & EXPERIENCE

c. Contacts

- c. For each firm or major subcontractor that will be utilized in the project, provide a statement listing all of the firm's prior projects and clients for the past three years and contact information for same. If a firm has worked on more than 10 projects during this period, it may limit its prior project list to ten, but shall first include all projects similar in scope and size to the proposed project and, second, it shall include as many of its most recent projects as possible.

REPRESENTATIVE SHOCKEY PROJECTS

Shockey, LLC does not maintain performance evaluation reports on projects.

Project: ***Loudoun County
Adult Detention Center***
Leesburg, VA
Size: 87,000 SF
Contract Date: December 9, 2003
Completion Date: March 15, 2006
Contact: Ms. Tina Borger
County of Loudoun, Virginia
P. O. Box 7000
Leesburg, VA 20177-7000
(703) 777-0566
tborger@loudoun.gov

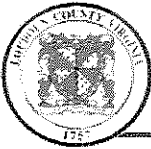


**LOUDOUN COUNTY
ADULT DETENTION CENTER**

Project: ***Middle River Regional Jail***
Verona, VA
Size: 225,000 SF
Contract Date: January 22, 2004
Completion Date: February 28, 2006
Contact: Mr. Art Kaplan
Heery International
P. O. Box 590
Verona, VA 24482
(540) 245-5210
akaplan@heery.com

Project: ***Northwestern Regional Adult Detention Center – Community Corrections Center***
Winchester, VA
Size: 40,741 SF
Contract Date: June 8, 2004
Completion Date: May 25, 2006
Contact: Mr. Fred Hildebrand
Northwestern Regional Adult Detention Center
141 Fort Collier Road
Winchester, VA 22603
(540) 665-6377
fhildebr@co.frederick.va.us

Project: ***Botetourt-Craig Public Safety Facility***
Size: 83,885
Contract Date: October 11, 2005
Completion Date: July 6, 2007
Contact: Mr. Raymond L. Meador, Jr.
Botetourt County, VA
2 East Main Street, No. 5
Fincastle, VA 24090
(540) 473-8331
rmeador@co.botetourt.va.us



SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Contacts

Project: ***Northwestern Regional Adult Detention Center – POD 3***
Winchester, VA
Size: 36,500 SF
Contract Date: August 15, 2005
Completion Date: April 2007
Contact: Mr. Fred Hildebrand
Northwestern Regional Adult Detention Center
141 Fort Collier Road
Winchester, VA 22603
(540) 665-6377
fhildebr@co.frederick.va.us

Project: ***Belmont Station Elementary School***
Ashburn, VA
Size: 84,000 SF
Contract Date: September 24, 2003
Completion Date: September 7, 2004
Contact: Mr. Kevin Lewis
Loudoun County School Board
21000 Education Court, 2nd Floor
Ashburn, VA
(571) 252-1161
klewis@loudoun.k12.va.us

Project: ***Byrd Middle School***
Winchester, VA
Size: 158,467 SF
Contract Date: October 8, 2003
Completion Date: August 8, 2005
Contact: Mr. Al Orndorff
Frederick County School Board
P. O. Box 3508
Winchester, VA 22604
(540) 662-3888
orndorf@frederick.k12.va.us

Project: ***Charles Town Races Parking Garage and Entertainment Facility No. 2***
Charles Town, WV
Size: 2,618 Car Parking Structure
Contract Date: August 25, 2005
Completion Date: June 30, 2006
Contact: Mr. Ken Schultz
Penn National Gaming, Inc.
711 Casino Magic Drive
Bay St. Louis, MS 39520
(228) 446-8098
kenneth.shultz@pngaming.com



CHARLES TOWN RACES PARKING GARAGE AND ENTERTAINMENT FACILITY NO. 2



**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

c. Contacts

Project: *Winchester Medical Center – Support Services*
Winchester, VA
Size: 111,155 SF
Contract Date: September 29, 2003
Completion Date: June 8, 2005
Contact: Mr. C. Douglas Rosen
Valley Health
P. O. Box 1334
Winchester, VA 22604
(540) 536-8620
drosen@valleyhealthlink.com

Project: *Highland School – Center for the Arts*
Warrenton, VA 20186
Size: 27,000 SF
Contract Date: April 15, 2002
Completion Date: October 17, 2003
Contact: Mr. Joe Krewatch
Krewatch Construction Management
12321 Moss Hollow Road
Markham, VA 22643
(540) 364-4864
jkrewatchm@aol.com



**HIGHLAND SCHOOL
CENTER FOR THE ARTS**



LOUDOUN COUNTY COMMUNITY CORRECTIONS PLAN AND JAIL EXPANSION PLANNING STUDY

County of Loudoun, Leesburg, Virginia

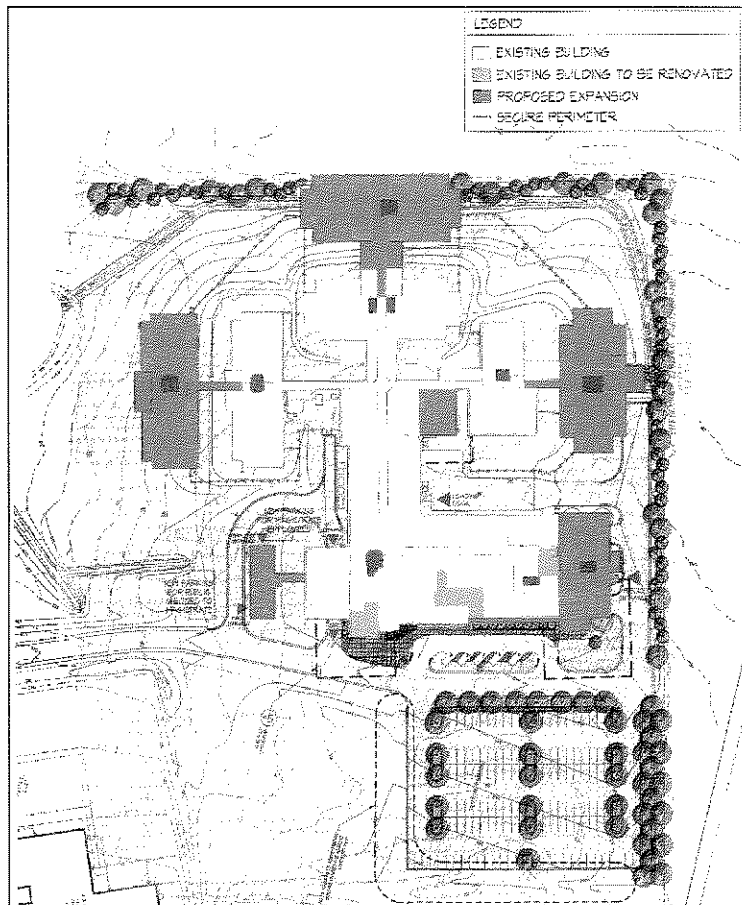
The Facility Group in association with PSA-Dewberry, are preparing both a Community-Based Corrections Plan (CBCP) and a Planning Study for Phase II expansion of the new Loudoun County Adult Detention Center (ADC) that is located in Leesburg, Virginia. The new facility, currently under construction, will have a rated capacity of 196 inmate beds with support areas capable of supporting additional housing units.

The County is having the CBCP and Planning Study completed prior to the completion of the new ADC due to the inmate population surpassing the number of beds that will be available when the facility is complete. This process will permit the County to implement Phase II as quickly as possible, since the current average daily inmate population has frequently been over 250 inmates.

Although the County is a participating member of the Peumansend Creek Regional Jail, only up to 40 inmates are confined in this facility. The total bed shortfall has caused the County to house inmates in other jail facilities around the state.

The following scope will be completed in the CBCP and Planning Study:

Preliminary Programming: Preparation of a CBCP using the most current Virginia Department of Corrections standards, including the number of beds required and the amount of space needed for support functions, inmate receiving and classification housing. Consideration will be given to staffing levels, adjacencies, parking needs, and future growth needs over the next ten years.



Moratorium Waiver:

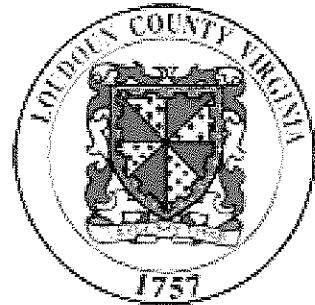
Determine whether the jail expansion will meet the criteria for an exception to the moratorium on state reimbursement for Jail construction projects by evaluating the existing Jail against the current "Standards for Local Jails and Lockups". Provide the necessary documentation and assistance to county staff in preparation and presentation for exception.

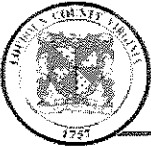
Planning Study: Prepare and submit, on behalf of the County, a Planning Study using the most current Virginia Department of Corrections standards. The planning study will include a projected operating budget, design concepts for the expansion, and preliminary construction cost estimates.

CONSTRUCTION COST
Not Applicable, Study

SCHEDULE
March 1, 2005 Completed

CLIENT CONTACT
Major Robert L. Mulligan
Loudoun County Sheriff's Office
106 Edwards Ferry Road, NE
Leesburg, VA 20176
703.737.8921 phone
rmulliga@loudoun.gov





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**FREDERICK COUNTY SHERIFF'S DEPARTMENT
NEW WORK RELEASE CENTER, ADMINISTRATIVE
RENOVATIONS, AND ADC ADDITION**

Frederick, Maryland

PSA-Dewberry is working with Frederick County Sheriff's Department on three projects that involve an expansion and renovation of the Frederick County Adult Detention Center.

Initially, PSA-Dewberry designed a new stand-alone, 128-bed, two-story work release community corrections center. The new work release facility will house habitual substance abusers who have qualified for the new program. The 25,600 SF minimum-security facility is located across the road from the existing jail and is designed in a dormitory-style. It houses 112 male and 16 female non-violent offenders. The building incorporates a central core, which can serve as additional dayroom space, counseling rooms, a library, classroom space, and other programmed activity areas. Satellite food service is provided from the main detention center. This project involved extensive site studies and interaction with County, State, and Federal agencies because of its siting along the Monocacy River. It opened in Spring 2005.

The second project, which is currently in design, involves the conversion of the of the existing 15,000 sf work release unit into additional administrative offices, a locker room and a muster room for the Frederick County Sheriff Department's staff and lease space for the Maryland District Court. This project will be constructed once the new work release center is finished.

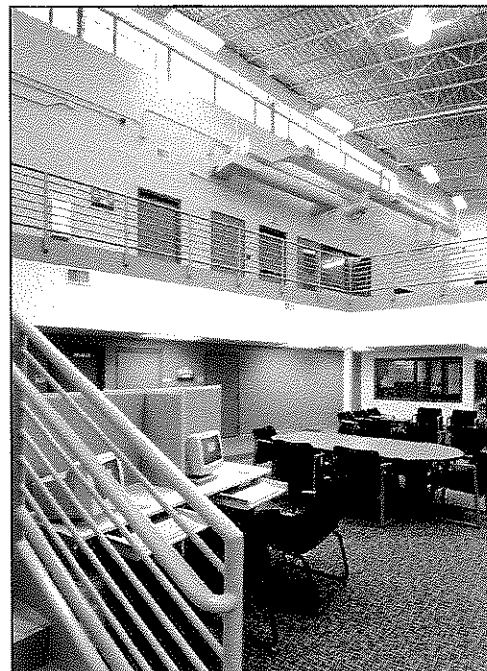
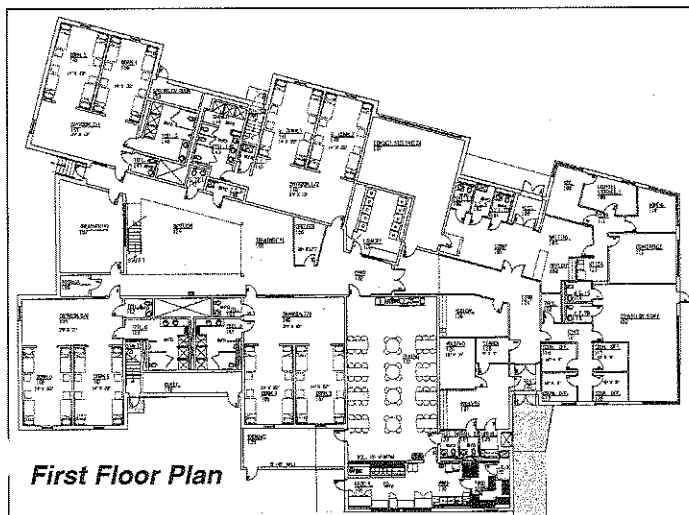
CONSTRUCTION COST
New Work Release Center – \$3.45 million
Administrative Renovations – \$1.7 million
Phase IV – \$9.1 million (est.)

SCHEDULE
New Work Release Center- 2005
Administrative Renovations - 2006 (est.)
Phase IV – 2009 (est.)

CLIENT CONTACT
Mr. David Ennis
Chief of the Office of Project Management
Frederick County Division of Public Works
118 N. Market Street
Frederick, Maryland 21701
301.694.1557 phone
Dennis@fredco-md.net



The third project the Phase IV renovation to the Adult Detention Center, which recently kicked-off, includes design, construction documentation and construction administration for an addition of 112 general housing unit beds and a 24-bed centralized medical unit for the existing detention facility.





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**TAZEWELL COUNTY / CITY OF PEKIN
PUBLIC SAFETY COMPLEX SPACE NEEDS
ASSESSMENT, DESIGN, AND IMPLEMENTATION**
Pekin, Illinois

In 1998, PSA-Dewberry was commissioned to determine the space needs of the Tazewell County criminal justice system and the City of Pekin Police Department, and explore jointly accommodating both groups within the same complex. The study recommended the creation of a new justice center, and a new municipal building to house city hall functions and the police department.

Project implementation was initially stalled, because of the lack of public support for the referendum. PSA-Dewberry facilitated the creation of a concerned citizens group led by a retired Sheriff to gain public support for the project. With the help of the concerned citizens group, the bond referendum finally passed in 2000. The County requested that PSA-Dewberry update the study to reflect more current demographic data and design of two new buildings, the new justice center and a new municipal building.

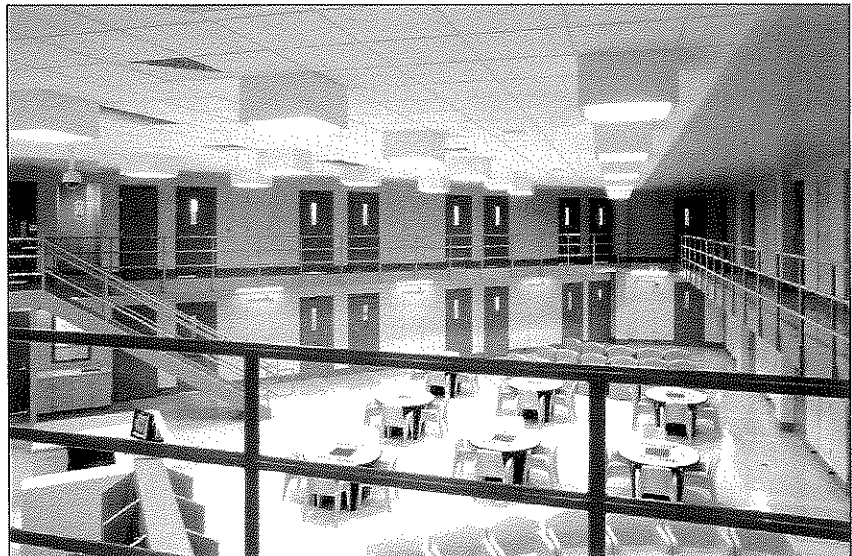
The new 91,000 SF Justice Center includes the Sheriff's offices, and a 196-bed direct supervision adult jail with a video-arraignment court and video visiting. Additionally, it has a 12-bed juvenile detention area. It is sited with the Pekin City Hall/Police Station, creating a Governmental Complex with adjacent county and city buildings in the central business district of Pekin, Illinois providing a much needed local government civic center.

Included in the AIA/CAJ Justice Facilities Review, 2004-2005

CONSTRUCTION COST
Justice Center - \$15.1 million
City Hall/Police - \$5.2 million

SCHEDULE
Completion:
Justice Center - 2003
City Hall/Police - 1998

CLIENT CONTACT
Mr. Earl Helm
Jail Superintendent/Transition
Team Coordinator
Tazewell County Sheriff's
Office
11 S. 4th Street
Pekin, Illinois 61554
309.477.2261 phone
ehelm@tazewell.com





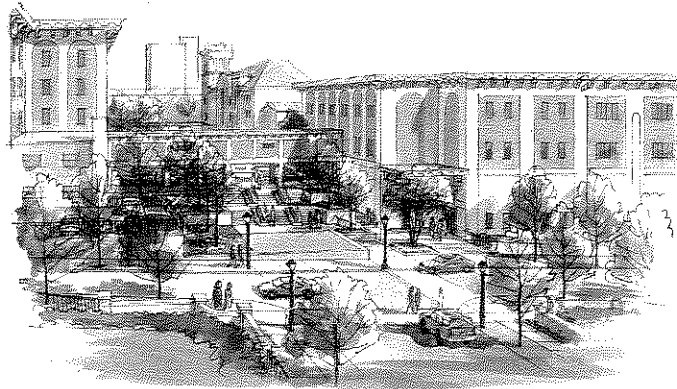
SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

RICHLAND COUNTY
NEW JAIL STUDY AND DESIGN
Mansfield, Ohio

In 2004, MKC in association with PSA-Dewberry, was commissioned by the Richland County Board of Commissioners to perform a field survey of their existing County Jail. In addition, the team has recently provided the Commissioners with a schematic concept plan for a new County Jail facility that may be situated on land owned by the County across the street from the existing County Courthouse and Jail facility.

The MKC/PSA-Dewberry team has proposed a new 60,000 sq. ft., two-story facility with 188 beds, which would be connected to the existing facility by a bridge connector. In addition, renovations to the existing kitchen facility and renovation of the old jail space into county office storage and support areas was also proposed as part of this program.

The site and proposed jail plan are easily adaptable to an ultimate build out of 376 beds, as the site and support spaces are designed to accommodate such expansion. The new jail facility would also allow for location of the sheriff's administration department, currently housed at another location, off-site.



VIEW OF THE NORTH OF THE PROPOSED RICHLAND COUNTY JAIL AND THE JAIL CONNECTION



CONSTRUCTION COST
\$14 million

SCHEDULE
July 2004 Study Completed
November 2007 (est.)

CLIENT CONTACT
Commissioner Ed Olson
Richland County
Commissioners
50 Park Avenue, East
Mansfield, Ohio 44902
419.774.5550 phone



SECTION 1: QUALIFICATIONS & EXPERIENCE

c. Representative Projects

CASS COUNTY JUSTICE CENTER

Harrisonville, Missouri

The new 150-bed jail building has booking, administration area, kitchen, indoor and outdoor exercise areas, laundry, and female minimum, medium, and maximum housing, medical facility, and segregation housing in one building and male minimum, medium, and maximum housing in another building which is 48,580 SF.

All movement of inmates throughout the center is through secure corridors, and visitation is by video visitation booths.



The new courts building with prosecuting attorneys' offices, circuit clerk's offices, judges' chambers, and four full-service courtrooms has expansion area for four future courts. Total building size is 95,759 SF.

The new sheriff's law enforcement building with public conference facility, county E-911 dispatch and officer's offices is 32,684 SF.

The new juvenile office building with adjacent access to the sixteen-bed juvenile detention facility includes dining/visitation area, indoor and outdoor recreation areas, and classroom and is 19,670 SF.

CONSTRUCTION COST
\$33.3 million

SCHEDULE
Completion: 2003

CLIENT CONTACT
Mr. Gene Molendorf
Presiding Commissioner
Cass County
102 East Wall Street
Harrisonville, MO 64701
813.380.8160
email unavailable





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

RAPPAHANNOCK REGIONAL JAIL EXPANSION PLANNING STUDY

Stafford, Virginia

Rappahannock Regional Jail, in Stafford County, is the oldest, largest and one of the most successful regional government agencies in the Fredericksburg area. Founded in 1968, it serves the City of Fredericksburg and the Counties of Stafford, King George and Spotsylvania. In June 2000, the jail moved into a new 264,000 square foot, state-of-the-art corrections facility with a Virginia Department of Corrections rated capacity of 592 inmates.

Since the jail's occupancy in 2000, the inmate population has rapidly increased and the jail is now significantly overcrowded with an inmate population between 850 and 900. A community based corrections study conducted by Powell Consulting Services, projects a future average daily population of 1,778 by the year 2015.

In January 2005, the Rappahannock Regional Jail Authority selected PSA-Dewberry to conduct a planning study for the expansion of the jail. The final recommendation of the study adds an additional 480 total beds through podular housing units for a new rated capacity of 1,024 beds. The proposed additions would be sited, designed, and constructed to provide for further future expansions to the jail.

The additions to the jail include two new housing structures, a larger, two-tier structure housing four 48-bed pods; and a single-level structure containing two 48-bed pods.

The larger of the two additions is a two-tier structure housing four 48-bed pods on each level. The four housing pods are organized around a central control station, providing backup for the supervising officers in each pod. Each of the housing pods has its own inmate dining area, and has direct access to an exterior exercise area.

The second, smaller addition is a single level structure housing two 48-bed dormitory housing pods. This addition is located between two existing housing units, increasing the site density and preserving available land for future expansions to the facility.

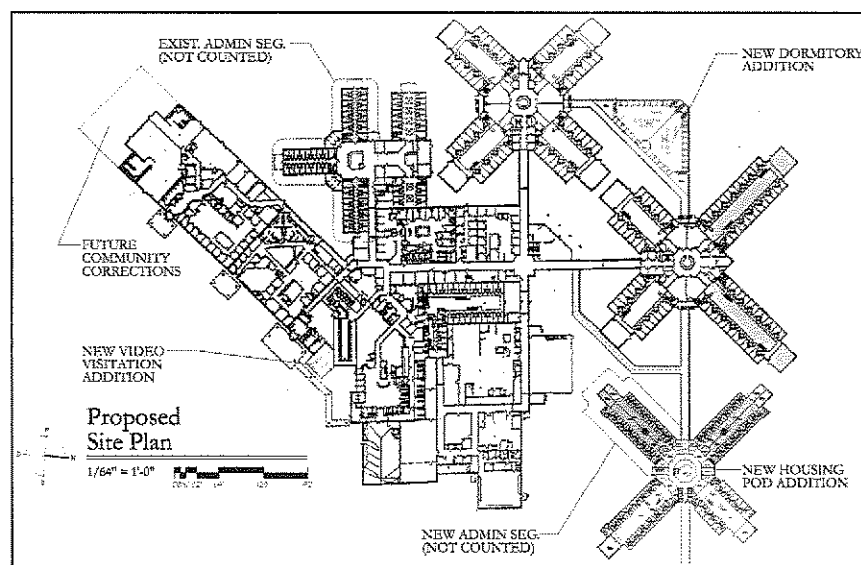
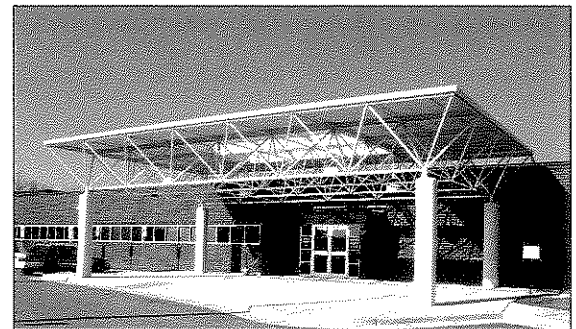
To meet the increased need for visitation, a small addition to the front of the facility would provide remote video visitation, reducing the security risks of moving inmates to the central visitation area.

The jail's core facilities were also studied and determined to have enough capacity to support the proposed increase in population. This includes both support functions such as food service/laundry, intake/booking, and administration as well as program services for the inmates.

CONSTRUCTION COST
\$57.45 million (est.)

SCHEDULE
Completion: March 1, 2005

CLIENT CONTACT
Mr. Joseph Higgs
Superintendent
Rappahannock Regional Jail
1745 Jefferson Davis Highway
Stafford, Virginia 22555
540.288.5219 phone
jhiggs@rj.state.va.us





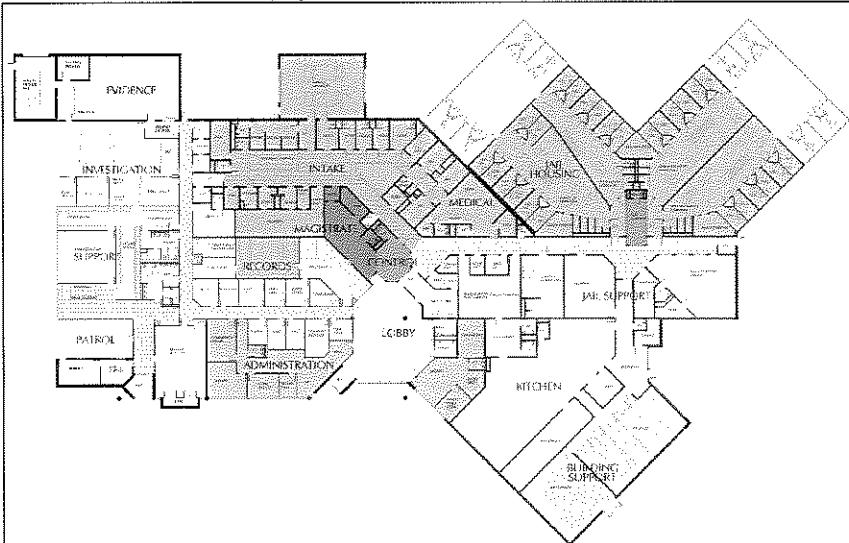
HAYWOOD COUNTY LAW ENFORCEMENT CENTER AND COUNTY JAIL PLANNING STUDY AND DESIGN

Waynesville, North Carolina



incorporates intake, programs and kitchen and laundry services, all sized for an additional 100-bed expansion and the 40 bed existing minimum-security dormitory facility on site.

The building's character is designed to be governmental with a touch of rustic forms in color and material to reflect the Smokey Mountain setting. It reflects the need for separate inmate, patrol, investigation service and public access to the center as well as expansion of each major element. The jail is organized around two primary staff positions, and a booking station. The intake/medical area includes two negative-pressure cells, housing for 20-30 inmates (detainees) and three exam stations. The jail incorporates video visiting, windowless concrete modular cell units and an abundance of natural daylight through clerestory windows in the dayrooms.



PSA-Dewberry's role included master planning, site analysis, architecture, and security design.

Architect-of-Record: Barge Waggoner Sumner Cannon

CONSTRUCTION COST
\$12 million

SCHEDULE
2005

CLIENT CONTACT
Mr. Richard L. Honeycutt
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Haywood County
215 North Main Street
Waynesville, North Carolina
27886
828.452.6625 phone
rhoneycutt@haywoodnc.net





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**LAFAYETTE PARISH
CORRECTIONAL CENTER RENOVATIONS**
Lafayette, Louisiana

Working with Lafayette Parish since 2001, PSA-Dewberry was commissioned to provide a jail renovation study. Upon the completion of the study, PSA-Dewberry and Poché Prouet Associates were awarded a multi-phased project to provide renovations and expansions to the facility. PSA provided study for renovation needs, architectural renovation design, and security design.

The first phase, due to be complete this year, includes design of a new maintenance building inside the security fence, and exterior window modifications to improve security.

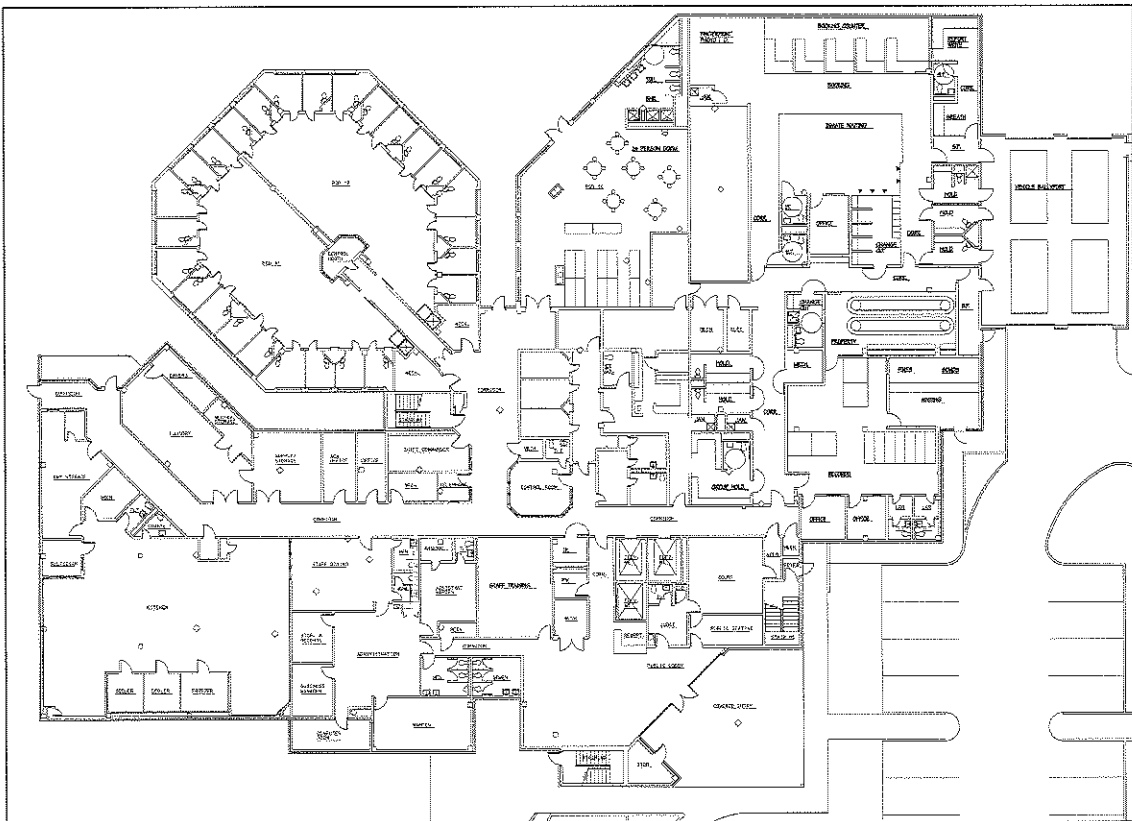
The second planned phase, currently underway, provides renovations and retrofits for the facility that include a security electronics upgrade, existing cell door and lock renovations, and a new first floor intake/booking/medical area. New security will include programmable logic controller-based security controls system for the entire facility with touch screen interfaces, integrating with a new closed-circuit television system, including digital recording of the CCTV and replacement of the facility intercom system.

The third planned phase of the project includes cell pod modifications on Floors 2 through 5, with modifications on the first floor.

CONSTRUCTION COST
\$5.1million

SCHEDULE
2005

CLIENT CONTACT
Mr. Rob Reardon
Director
Lafayette Parish Sheriff's
Department
100 Poydras Street
Lafayette, Louisiana 70506
337.236.5412 phone
rob.reardon@lafayettesheriff.com





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c. Representative Projects



Lafayette Parish Sheriff's Office

Michael W. Neustrom, Sheriff

"Serving the community with courtesy, professionalism and respect"

www.lafayettesheriff.com

July 11, 2005



To whom it may concern,

I have had the opportunity to utilize Phillips Swagger and Associates (PSA)/Dewberry consulting and architectural abilities on three separate correctional projects over the last 10 years. I cannot recommend them highly enough for either a renovation project or for a ground up construction project.

My first project with PSA/Dewberry was a \$3 million dollar renovation project of a facility originally constructed in 1890. This project mainly consisted of upgrades to the security system, replacement of exterior windows and the meeting of compliance issues relative to the American with Disability's Act. The PSA/Dewberry staff spent a considerable amount of time determining what the needs were for the facility and suggested multiple plans for review. The PSA/Dewberry staff also understood and worked within the requirement of the historical designation associated with the building to ensure that the renovation project would meet the Sheriff's needs but also the aesthetical needs of the environment.

My second project with PSA/Dewberry was the design and build of a \$96.2 million dollar high-rise facility located in a downtown metropolitan city. Once again, the PSA/Dewberry staff spent considerable time in the planning stages to determine the needs of the operation to best suggest layouts and adjacencies. Due to their extensive background in designing other facilities, the planning process was easy but also quite informative. Considerable time was spent in developing a program where the inmate flow was efficient while also taking into mind appropriate building products that can minimize future maintenance issues. The PSA/Dewberry staff also played a significant role in assisting the transition team in learning about the mechanics of the building as the punch list was completed.

My latest project with PSA/Dewberry was a \$5.4 million renovation project of a 20-year-old facility. This project had some significant issues due to a general lack of maintenance that had occurred during its operation. PSA/Dewberry was able to suggest how best to get the largest cost benefit for the money allocated for this project. PSA/Dewberry was also able to assist in minimizing cost by suggesting projects we could complete ourselves through the use of inmate labor. This project consisted of replacement of all exterior windows, replacement of doors, door locks and the replacement of the security system with an open architecture graphical user interface. Planning and staging were significant parts of this project, which PSA/Dewberry also made suggestions. Timing was important due to a deadline to become eligible for American Correctional Accreditation re-certification. Due in part to PSA/Dewberry's assistance my current facility received accreditation and did so with the highest percentage rate we have ever received.



Post Office Box 3508 • Lafayette, Louisiana 70502 • Phone: 337-232-9211



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c. Representative Projects

Making decisions on which organization you utilize to assist in your design and development is difficult. Nobody wants to be lead down the wrong path by entities that you think know what they are talking about. PSA/Dewberry is a organization, that in my interaction, works with you to understand your needs, has a depth of experience and base suggestions on your bottom line. Once again I cannot recommend them highly enough. Good luck with your project.

Cordially,

Robert J. Reardon
Director of Corrections
Lafayette Parish Sheriff's Office



KNOX COUNTY LAW ENFORCEMENT CENTER PLANNING AND DESIGN

Galesburg, Illinois

PSA-Dewberry was the A/E for the new Knox County Law Enforcement Center. Initially PSA-Dewberry was asked to design an addition to the existing jail. However, soil conditions and utility relocations made this option cost prohibitive. A new downtown site was identified. PSA-Dewberry confirmed that the proposed space program would fit on the site and allow for future expansion. PSA-Dewberry was given permission to proceed with the design of the new facility.

The 38,700 SF law enforcement center houses both Sheriff's administrative offices and the County's 122-bed jail, located in downtown Galesburg.

The jail portion of the project is in compliance with the Illinois Department of Correction County Jail Standards and contains six indirect supervision housing units for 104 male and 18 female inmates. Also included is a 10-station video visitation system; secure outdoor recreation space; segregation and isolation cells; a patrol write-up area; and an interview room with built-in videotaping capabilities. The Center is designed with space for a future 1,000 SF multi-purpose room and for a future 72-bed expansion; all core services are sized to accommodate future expansion.

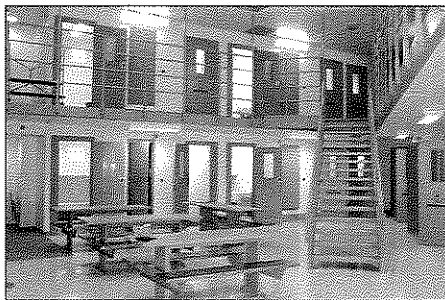
The Sheriff's Administration portion of the facility provides space for investigation, patrol and administrative offices; County Coroner's office; conference/training room; and an investigations area that includes an interview room with built-in videotaping capabilities.

CONSTRUCTION COST
\$7.1 million

SCHEDULE
Completion: 2003

CLIENT CONTACT
Mr. Paul L. Mangieri, State's
Attorney
Knox County Courthouse
Galesburg, Illinois 61401
309.345.3880

James K. Thompson, Sheriff
Knox County Sheriff's
Department
150 South Broad Street
Galesburg, Illinois 61401
309.345.3733
thompson@icja.org





SECTION 1:
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c. Representative Projects

NEW CASTLE CORRECTIONAL CENTER SPECIAL NEEDS FACILITY

New Castle, Indiana

A “first of its kind in the nation”, this facility, located on the site of the former New Castle State Development Center, is a correctional center for adult male offenders with special needs. The facility includes 1,440 beds in general population housing, 128 beds in mental health housing, 100 beds in assisted living housing, 32 beds in the hospice/infirmar, 48 in segregated housing and 200 beds in outside minimum security housing.

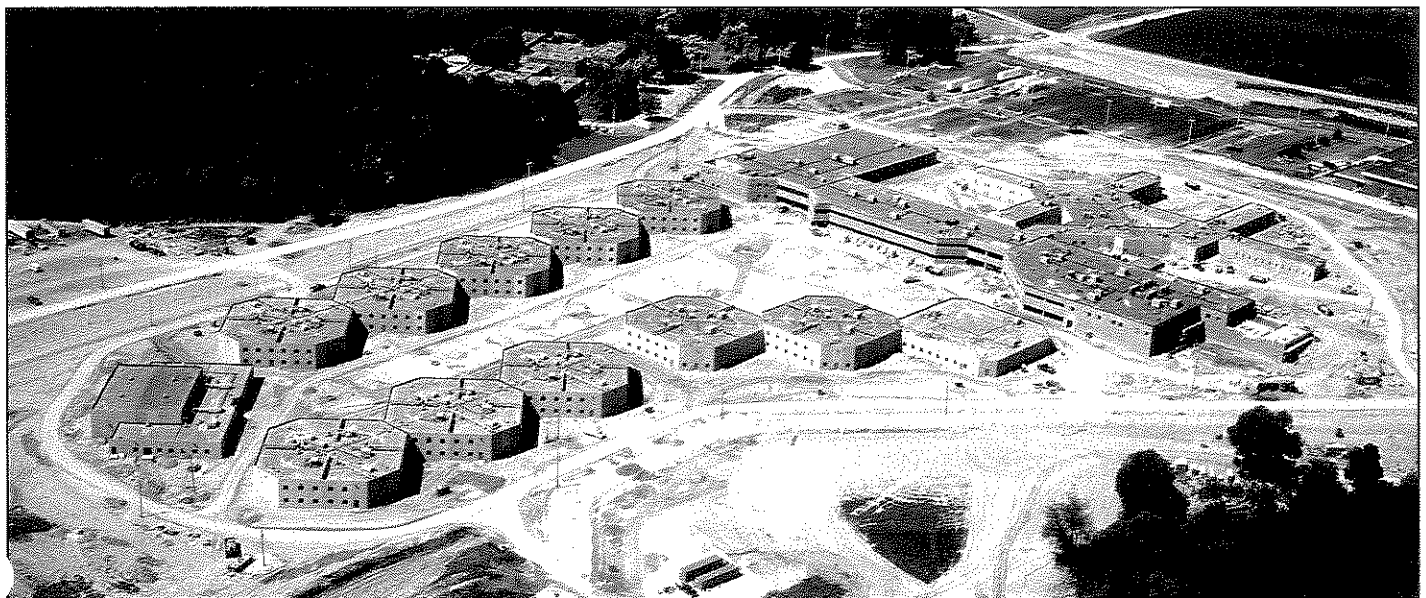
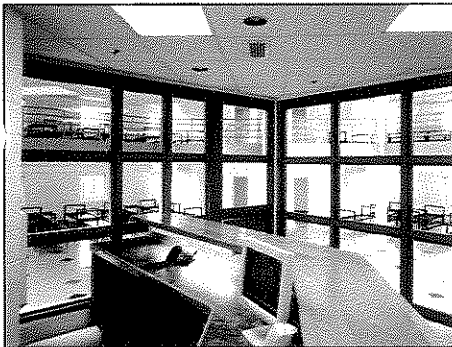
As the largest single project in Indiana history, this is a unique facility where special needs offenders receive therapeutic treatment. Among the general population, offenders will consist of substance abusers, sex offenders, mentally unstable patients, physically frail patients and gravely ill patients.

CONSTRUCTION COST
\$100 million

SCHEDULE
Completion: 2002

CLIENT CONTACT
Indiana Department of
Corrections
302 W. Washington St.
Room E334
Indianapolis, IN 46204

Mr. Larry Edwards, Deputy
Commissioner of
Administration
317.232.5568 phone
ledwards@coa.doc.state.in.us





**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

d. Contacts

- d. Provide the names, prior experience, addresses, telephone numbers and e-mail addresses of persons within the firm or consortium of firms who will be directly involved in the project or who may be contacted for further information.

For questions about our team's overall program, please contact:

Jeff Boehm
Howard Shockey & Sons, Inc.
PO Box 2530
Winchester, VA 22604
540.665.3246 (office)
540.665.3201 (fax)
jboehm@howardshockey.com



PICKENS COUNTY LAW ENFORCEMENT AND ADULT DETENTION CENTER

Jasper, Georgia

Facility Design Group provided turnkey design-build project delivery services for the new Pickens County Law Enforcement and Adult Detention Center. The 45,000-SF structure replaces the 22-year-old jail, and is located behind the existing jail on the same site. Once staff and inmates have been relocated to the new building, the existing jail will be demolished and replaced with new parking areas for both staff and the public.

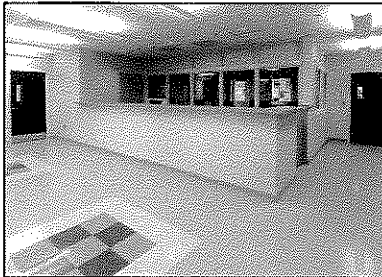
The new facility offers a rated capacity of 150 beds, with all support infrastructure (i.e., kitchen, laundry, medical, intake/booking, property storage, etc.) sized to support up to 500 inmates. Two additional housing pods can be added in the future with no interruption to facility operations.

To optimize the County's available funds for the project and expedite its delivery, the building is a pre-engineered steel structure with brick accents, a standing-seam metal roof, and pre-engineered steel cells. As a single-source design-build project, the new building was completed within 15 months, as promised.

CONSTRUCTION COST
\$8M

SCHEDULE
Estimated Completion:
15 months
(design/construction)
Actual Completion:
15 months
(design/construction)

CLIENT CONTACT
Major Allen Wigington
Pickens County Sheriff's
Office
52 North Main Street, Suite
201
Jasper, Georgia 30143
706.253.8900
policeteacher@yahoo.com



Lobby Area (upper left); Sheriff's Office (lower left), Front Entry (right)



SECTION 1:
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c. Representative Projects

KANKAKEE COUNTY JAIL
Kankakee, Illinois

Facility Design Group Inc. (FDG) was selected by Kankakee County to provide total turn-key services, including program management, comprehensive architectural and engineering design, and construction management services for the county's new \$19.5 million jail complex.

FDBI also completed a needs assessment and master plan for the project, including population projections, pre-design program, conceptual site plans, and preliminary cost estimate. The firm also developed a preliminary staffing plan and an estimate of anticipated operational costs.

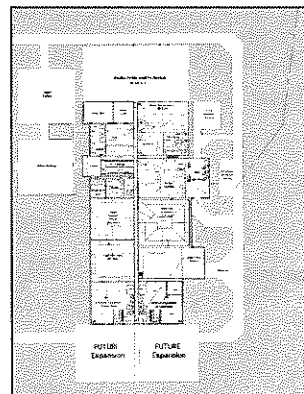
Based on the recommendations of the needs assessment, Kankakee County selected FDG through a competitive process to design and construct the new jail facility. Located on a 20-acre site adjacent to the county airport, the new 100,000-SF Kankakee County Jail is a full-service jail, which confines both pre-trial and sentenced inmates. The facility is designed as a direct supervision, campus-style building containing single-level construction for most building components except inmate housing which contains two stories including mezzanine. This initial phase provided 300 beds, with the capacity to add 800 beds in the future.

FDG was recently retained to begin the design-build delivery of Phase II, which will provide an additional 144 beds for \$15 million. The addition will provide "shell" space for another 144 beds (Phase III) to be added in the future.

CONSTRUCTION COST
Phase I – \$19.5M
Phase II – \$15M

SCHEDULE
Estimated Completion:
31 months
(design/construction)
Actual Completion:
31 months
(design/construction)

CLIENT CONTACT
Sheriff Timothy Bukowski
Kankakee County
Sheriff's Department
470 East Merchant Street
Kankakee, Illinois 60901
815.937.8250
tbukowski@k3county.net





CHEROKEE COUNTY PUBLIC SAFETY FACILITY

Canton, Georgia

Facility Design Group provided comprehensive single-source, turnkey program management, design, and construction management services for Cherokee County's New Public Safety Facility (PSF). Initially, Facility Design Group's justice planners completed a detailed Needs Assessment of the County's criminal justice system. This analysis included the development of inmate population projections, staffing and management requirements, facility space needs, and construction options and budgets.

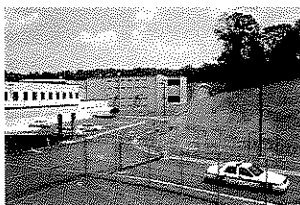
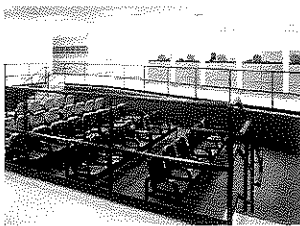
Based on recommendations of the evaluation, Cherokee County approved the design and construction of a new PSF to include 512 additional jail beds, as well as space for a new Sheriff's Office, Fire/EMA/E911 Headquarters, and Emergency Government Center. The new building is approximately 225,000 SF, with the infrastructure designed to accommodate another tower, bringing the jail's ultimate capacity to 1,024 beds. The jail portion includes 256 beds in 128 pre-cast concrete cell units, 256 dormitory beds, a new intake/booking area, kitchen, laundry, 27-bed medical housing unit, and jail administration. In addition to office and administrative spaces, the Public Safety Facility portion contains an employee development area to accommodate the staff training needs of all Sheriff and Fire/EMA staff.

The new Public Safety Facility not only meets and surpasses Georgia standards, it also provides an optimum level of safety and protection for staff through their supervision of the inmate population. Delivered for a Guaranteed Maximum Price of \$35.5 million, the entire design and construction process was completed in just 24 months, with the final facility completed eight days ahead of schedule in November 2002.

CONSTRUCTION COST
\$35.5M

SCHEDULE
Estimated Completion:
29 months
(design/construction)
Actual Completion:
29 months
(design/construction)

CLIENT CONTACT
Chief Deputy Mike Malone
Cherokee Co. Sheriff's Office
150 Chattin Drive
Canton, Georgia 30115
678.493.4110
gmmalone@cherokeega.com





SECTION 1:
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c. Representative Projects

COBB COUNTY WORK-RELEASE CENTER

Marietta, Georgia

Facility Design Group completed a needs assessment study, which determined that additional bed space in the Adult Detention Center could be freed-up by constructing a work-release center for minor offenders. Subsequently, the firm was retained to provide Design-Build services for the new center.

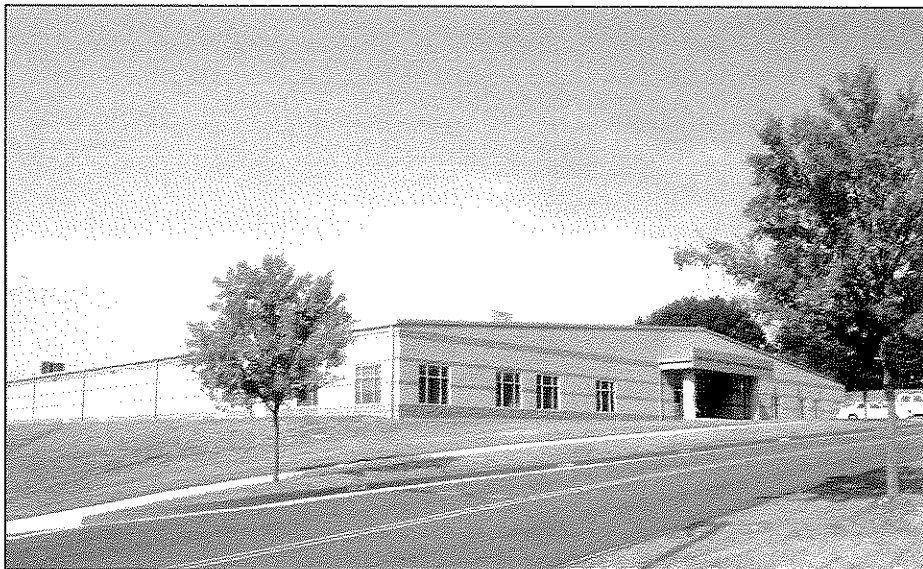
Situated adjacent to the Adult Detention Center, the new 384-bed facility contains administrative offices and eight dormitories. Each dormitory provides 48 beds to house minimum-security inmates who work either within at the Adult Detention Center, work as part of the County's outside work detail, or work at regular jobs within Cobb County.

The 41,987-SF building is a pre-engineered, structural steel frame with split-faced block walls and an insulated metal roof with skylights. The entire Design-Build delivery took less than 12 months – from design to occupancy, and was completed within the established guaranteed maximum price.

CONSTRUCTION COST
\$5M

SCHEDULE
Estimated Completion:
12 months
(design/construction)
Actual Completion:
12 months
(design/construction)

CLIENT CONTACT
Colonel Don Bartlett
Cobb Co. Sheriff's
Department
Public Safety Building
185 Roswell Street
Marietta, Georgia 30060
770.499.4600
dbartlett@cobbcounty.org





BIBB COUNTY ADULT DETENTION AND LAW ENFORCEMENT CENTER *Macon, Georgia*

Due to increases in the county's inmate population and incarceration rate in recent years, Facility Design Group and Macon-based Dunwoody/Beeland Architects were selected as Justice Planner and Lead Designer to study the jail's long-range needs and develop options for expansion, renovation and remodeling of the existing facility.

The Commissioners approved a multi-phased expansion plan proposed by the study. Phase I is a new Detention Center and warehouse that will confine minimum-security inmates who work either within the Jail, with the County's outside work detail, or at regular day jobs. The 29,500-SF Detention Center will have a pre-engineered structural steel frame with metal siding, and an insulated metal roof. The building will contain 192-beds divided into four 48-bed housing units.

Phase II involves the construction of a \$25 million addition to connect to the existing jail (depicted above and below) to provide 264 beds of medium-security inmate housing on two levels. The steel cell modular housing units are adjacent to all new support functions, including intake/booking, kitchen, laundry, medical and visitation services to replace the undersized functions in the existing jail.

Phase III involves renovation of the vacated spaces to be used for additional administrative functions, staff services, inmate program, and storage.

CONSTRUCTION COST

Phase I: \$4.5M

Phase II: \$25M

SCHEDULE

Estimated Completion:

30 months

(design/construction)

Actual Completion:

Under construction

(design/construction)

CLIENT CONTACT

Sheriff Jerry Modena

Bibb County Sheriff's

Department

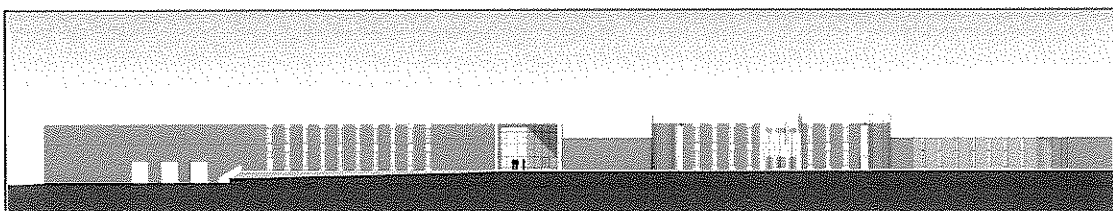
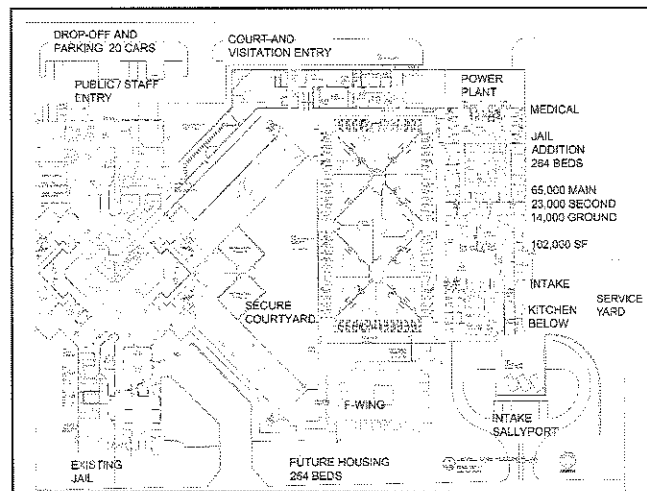
P.O. Box 930

Macon, Georgia 31202

478.621.5610

cgresham@co.bibb.ga.us or

dperkovich@co.bibb.ga.us





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**CITY OF COLLEGE PARK
PUBLIC SAFETY FACILITY**

College Park, Georgia

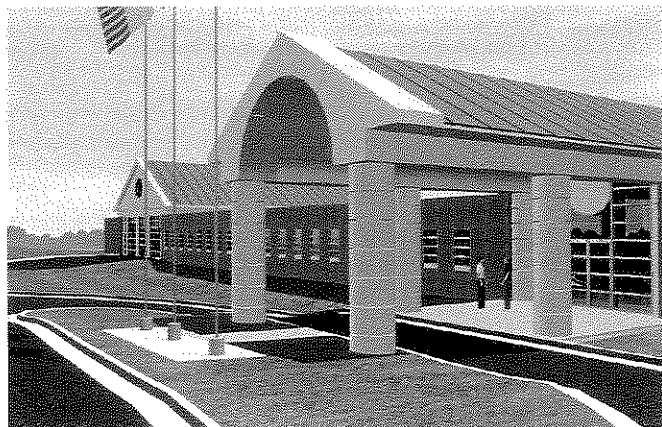
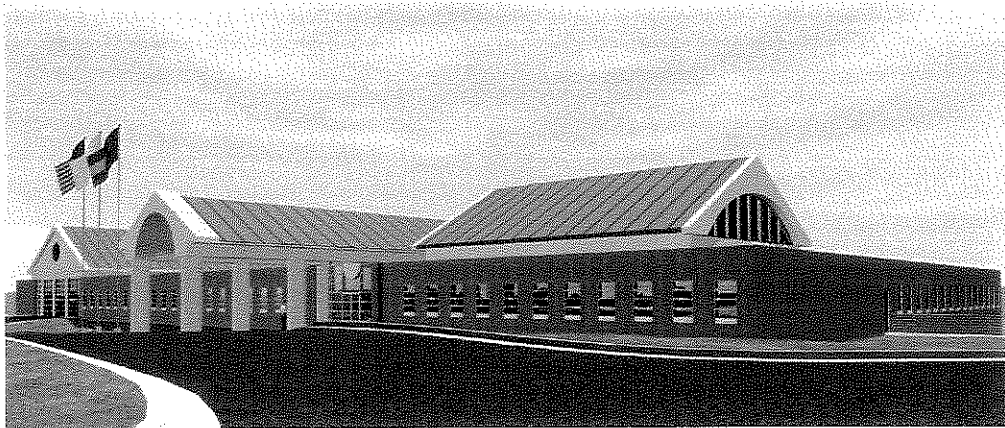
Facility Design Group Inc. is serving as the architect and engineer for the new College Park Public Safety Facility. The two-story, 60,000-SF building will house the City's police department, fire department, and municipal court. The police department area will provide space for the administration, investigations, and patrol divisions. A large evidence storage area, S.W.A.T. Operations, E-911 Call Center, and a 16-bed jail will also be provided. In addition, space for a future four station in door firing range has been accommodated.

The fire department will be full-service and include workspace, eating and sleeping areas, and three large apparatus bays to accommodate the City's fire response vehicles. The courtroom and support space will accommodate seating for up to 200 persons.

CONSTRUCTION COST
\$11M

SCHEDULE
Estimated Completion:
15 months
(design/construction)
Actual Completion:
15 months
(design/construction)

CLIENT CONTACT
Wayne Thatcher
Project Executive
American Resurgens
Management Corporate
404.766.6069





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**DEKALB COUNTY
JUVENILE JUSTICE CENTER**

Decatur, Georgia

Facility Design Group is currently teamed with Turner Associates for the new 110,000-SF DeKalb County Juvenile Justice Center. Turner Associates is the lead designer and architect-of-record for the project. Facility Design Group provided court space programming, planning and engineering. The building is located in downtown Decatur, adjacent to the existing County Jail and Sheriff's Office. The facility reflects DeKalb County's first attempt to pursue LEED certification.

The project team worked closely with the Judges, county officials, court staff and sheriff's staff to provide pre-architectural operational and space programming services to establish the scope of the project. The new four-story, \$24 million building features a large open plaza and an interior elliptically domed rotunda. There are six courtrooms and office space for the Court Administrator, District Attorney, Probation Department, Child Advocacy, Public Defender, and Clerk of Courts. It is being built with a brick, precast laminate and glass and metal panel skin. Facility Design Group also provided mechanical, electrical, plumbing, and life safety/fire protection systems engineering services for the design of the building.

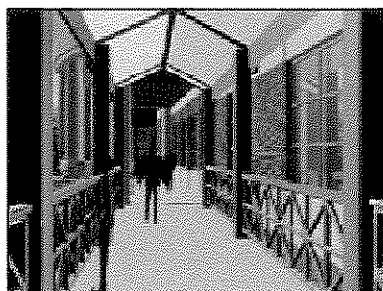
A \$5 million, 698-space parking deck will be located adjacent to the building and provide the parking needs for both the juvenile courthouse and jail.

CONSTRUCTION COST
\$24M

SCHEDULE
Estimated Completion:
24 months
(design/construction)
Actual Completion:
Under construction
(design/construction)

RECOGNITION
American Institute of
Architects
National Association of Courts
Management

CLIENT CONTACT
Mr. David Fisher
Director of Facilities
DeKalb County
Facilities Management
233 East Trinity Place
Decatur, Georgia 30030
404.371.2164
drfisher@co.dekalb.ga.us





SECTION 1:
QUALIFICATIONS & EXPERIENCE
c. Representative Projects

**ESCAMBIA COUNTY
WORK-RELEASE CENTER**

Pensacola, Florida

Having toured the 384-bed Work-Release Center in Cobb County, Georgia that was designed and constructed by Facility Design Group Inc., Escambia County selected our firm to deliver a similar Design-Build, "fast-track" approach to respond to their urgent need of a new facility to house minimum-security inmates, and thereby help relieve the housing demands at the jail.

The 30,000-SF facility is a pre-engineered structural steel frame building with metal exterior cladding and an insulated standing-seam metal roof. It houses approximately 300 minimum-security inmates in six 50-bed (double-bunked) dormitories, including a dedicated women's dorm. Each dormitory contains a dayroom area for dining, as well as its own lavatory with toilets, sinks and showers.

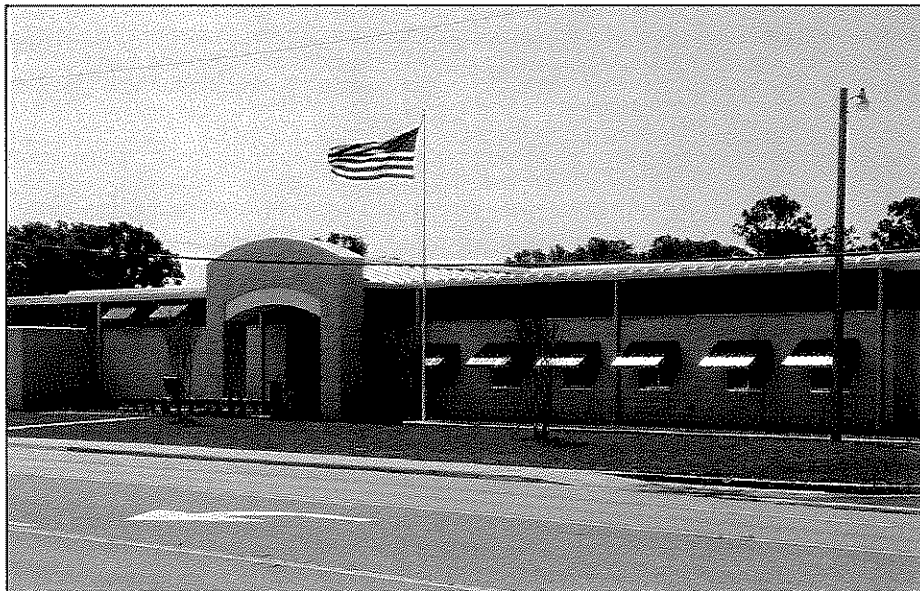
An administrative area is located off the main (public) entrance, with a processing area, security office and warming kitchen located off the rear of the building. Separate parking areas are provided for staff and visitors from the inmates.

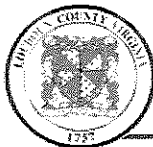
The project was delivered under a single-source, turn-key approach for a guaranteed maximum price (GMP) of \$3 million, with "fast-track" total project delivery in 12 months.

CONSTRUCTION COST
\$3M

SCHEDULE
Estimated Completion:
12 months
(design/construction)
Actual Completion:
12 months
(design/construction)

CLIENT CONTACT
Mr. Joe Ward
Senior Deputy Court
Administrator for Community
Corrections, retired
Pensacola, Florida 32501
850.501.4675
Jmward7@cs.com





MUSCOGEE YOUTH DEVELOPMENT CAMPUS

Muscogee County, Georgia

The Georgia Department of Juvenile Justice (GDJJ) selected Facility Design Group Inc. to design and construct the new Muscogee Youth Development Campus. The project is the GDJJ's first Design-Build project, in which our in-house design and construction teams are working together under a single contract, from inception to completion.

The campus is comprised of an 80-bed Regional Youth Detention Center (RYDC) and a 70-bed Youth Development Campus (YDC) on the same 23-acre site. The RYDC is a maximum-security facility for pre-trial youth offenders, and the YDC is a medium-security facility comprised of six stand-alone, single-story cottages where post-trial youth offenders are educated and counseled for rehabilitation.

As the GDJJ wanted the project to appear less "institutional" than other facilities in their system, the Muscogee campus was master planned with a more school-like ambience, with plazas and outdoor spaces for social interaction. The exterior and interior architectural character is more residential, to reflect a home-like environment. Many trees on the heavily wooded site are being preserved and incorporated into the landscaping. The sloping topography also allows the buildings to be staggered on the site, which enhances the communal character of the campus.

CONSTRUCTION COST
\$15.8M

SCHEDULE
Estimated Completion:
15 months
(design/construction)
Actual Completion:
15 months
(design/construction)

CLIENT CONTACT
Mr. Edward Cook
Director of Engineering &
Construction
Georgia Department of
Juvenile Justice
3408 Covington Highway
Decatur, Georgia 30032
404.508.6599
edwardcook@djj.state.ga.us





**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

e. Financial Statement

- e. Provide a current or most recently audited financial statement of the firm or firms and each partner with an equity interest of twenty percent or greater.

Financial statements are included in a sealed envelope enclosed with this proposal (which has been deemed proprietary and confidential) for Shockey, LLC. as the principal team member.



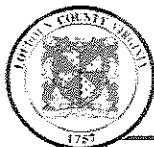
**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

f. Disqualification

- f. Identify any persons known to the proposer who would be obligated to disqualify themselves from participation in any transaction arising from or in connection to the project pursuant to the Virginia State and Local Government Conflict of Interest Act, Chapter 31 (§ 2.2-3100 et seq.) of Title 2.2.

Shockey, LLC and its partnering companies are not aware of any team members who would be obligated to disqualify themselves from this proposal team for any reason.

Also to be noted, Loudoun County has begun a Public Safety Master Plan for the site that includes the Adult Detention Center that is currently under construction. The study, being completed by The Facility Group in association with PSA-Dewberry, will review the 92-acre piece of property that the Adult Detention Center sits on. Because of the many current and future demands on the site, including the need to expand the jail, the County is proceeding with the development of the land use master plan for this area as well as adjacent 70-acre and 20-acre parcels. The Public Safety Master Plan will be completed by Oct. 31, 2006.



SECTION 1: QUALIFICATIONS & EXPERIENCE

g. Qualified Workers Plan

- g. Identify the proposed plan for obtaining sufficient numbers of qualified workers in all trades or crafts required for the project.

Currently Shockey is involved in several construction projects in Loudoun County, and will align itself with subcontractors and suppliers that have proven technical experience, skilled craftsmen and a track record of producing high quality, fully functional work.

Shockey employs more than 125 expert trade people who are located 40 miles from the Loudoun County Adult Detention Center and can provide a steady stream of talented craftsmen to the jobsite.



SECTION 1:

QUALIFICATIONS & EXPERIENCE

h.1. Certification of Non-Disbarment or Suspension

- h. For each firm or major subcontractor that will perform construction and/or design activities, provide:
1. A sworn certification by an authorized representative of the firm attesting to the fact that the firm is not currently debarred or suspended by any federal, state or local government entity.

Please see the following letters for Shockey, LLC and PSA-Dewberry Inc.

SHOCKEY, LLC

P. O. BOX 2530, WINCHESTER, VA 22604
540.667.7700

January 23, 2006

Ms. Tina Borger, CPPO
County of Loudoun
1 Harrison Street, S.E., 4th Floor
Leesburg, VA 20175

Dear Tina:

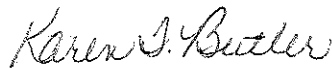
Shockey, LLC is not currently disbarred or suspended by any federal, state or local government entity.

As sworn to by:



Jeffrey S. Boehm
Vice President

“Given under my hand on this 23rd Day of January, 2006.



Karen T. Butler, Notary
Commonwealth of Virginia
Winchester, Virginia

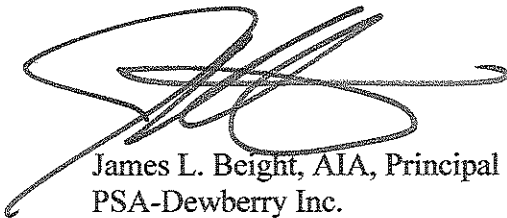
“My commission expires September 30, 2006”

Sworn Statement of Eligibility

To Whom It May Concern:

PSA-Dewberry Inc. is not currently disbarred or suspended by any federal, state, or local government entity from the pursuit and practice of architecture.

As sworn to by:



James L. Beight, AIA, Principal
PSA-Dewberry Inc.
January 17, 2006

“Given under my hand on this Seventeenth Day of January, 2006”



Christine L. Kaldmaa-Errett, Notary
Commonwealth of Virginia
Fairfax, Virginia

“My commission expires July 31, 2007”

Sworn Statement of Eligibility

To Whom It May Concern:

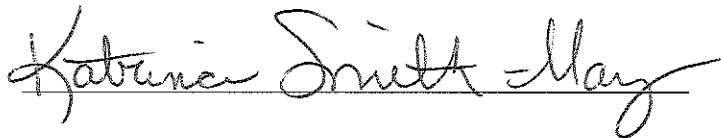
Facility Design Group Inc. is not currently disbarred or suspended by any federal, state, or local government entity from the pursuit and practice of engineering or architecture services.

As sworn to by:



W. Ennis Parker, Jr, AIA
Chief Operating Officer
Facility Design Group Inc.
January 9, 2006

“Given under my hand on this 9th day of January, 2006”



My commission expires:

Notary Public, Cobb County, GA
My Commission Expires May 20, 2006



SECTION 1:
QUALIFICATIONS & EXPERIENCE
h.2. Technical Qualification Statement

- h. For each firm or major subcontractor that will perform construction and/or design activities, provide:
2. A completed qualification statement that reviews all relevant information regarding technical qualifications and capabilities, firm resources and business integrity of the firm, including but not limited to, bonding capacities, insurance coverage and firm equipment.

This information, marked "*Confidential*," can be found in Volume II, Section 1.h.2.



**SECTION 1:
QUALIFICATIONS & EXPERIENCE**

i. Worker Safety Program

- i. Describe worker safety training programs, job-site safety programs, accident prevention programs, written safety and health plans, including incident investigation and reporting procedures.

Following is Shockey, LLC's worker safety program.

SHOCKEY

THE PARTNER OF CHOICE®

HOWARD SHOCKEY AND SONS, INC.

PROJECT SAFETY PLAN

**Loudoun County Adult Detention Center
Loudoun County, Virginia**

Safety is everyone's responsibility

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Safety is everyone's responsibility

Safety is everyone's responsibility

SAFETY POLICY STATEMENT

The Project Safety Plan includes policies and procedures for prevention of injury, property and fire damage and occupational injuries.

NOTHING IS OF GREATER IMPORTANCE ON A SHOCKEY PROJECT THAN PROVIDING A SAFE PLACE TO WORK AT ALL TIMES.

Everyone on site is expected to conduct their work in a safe manner and is required to comply with established safety plans, including all who are employed on site, as well as anyone who is on the site for any reason.

By contract, every contractor on this site is obligated to perform all work in a safe manner and to conform to the requirements of Virginia OSHA (VOSH), the Federal Occupational Safety and Health Act of 1970 (OSHA), all additions and revisions thereto, other applicable Federal, State and local requirements, and the Shockey Project Safety Plan.

All supervisory employees must accept their responsibility for the prevention of accidents and ensuring a safe environment for the work under their supervision and/or direction.

No employee will be required, or knowingly permitted, to work in an unsafe environment. When hazards are discovered, work will be permitted only after the proper precautions have been taken to ensure worker protection.

Each employee is responsible for learning and abiding by the rules and regulations applicable to their assigned tasks.

The results of our safety efforts will affect the overall success of the project.

Our goal is accident-free work, which enables the work to be performed in the most efficient manner with the required Shockey quality.

With the cooperation, dedication and assistance of everyone, this will be a successful project.

Don F. Cooper
President
Howard Shockey and Sons, Inc.

Charles Capitano
Safety Director
The Shockey Companies

Safety is everyone's responsibility

1.2 Responsibilities

Management

Management has the overall responsibility to develop and maintain Howard Shockey and Sons' Project Safety Plan. Management is responsible for:

1. Assigning authority for the implementation of the Project Safety Plan.
2. Authorizing budget to implement the Safety and Health Program.
3. Approving safety policies developed by the Safety Director.
4. Including safety compliance and performance in all performance evaluations.
5. Set the proper example for safety for all employees.
6. Continually promote safety at all levels of the organization.
7. Support all safety initiatives.

Safety Director

The Safety Director recommends safety policy to management and implements approved policy. He coordinates the efforts and continuously evaluates the effectiveness and/or requirements of the program and reports findings together with his recommendations to company management.

Some responsibilities, either carried out personally or by a designee, include, but are not limited to:

1. Keeping management and supervision advised on pertinent safety matters.
2. Conduct periodic safety inspections at the job site to ensure compliance with the Safety and Health Program.
3. In cooperation with management, Superintendents and Foremen, determine the necessity for personal protective clothing and equipment for safety purposes and approve the selection of articles to be purchased and supplied.
4. Assist field supervision in the investigation of serious accidents and assure notification of proper authorities (ie. management, OSHA, insurance carrier). See that the prescribed forms are properly filled out for all accidents in a timely manner.
5. Review accident frequency and severity data to identify trends and take necessary action to prevent recurrence.
6. Maintain liaison with federal, state, local and private agencies on matters pertaining to safety and health.
7. Promote cooperation on safety and health matters between contractors, architects/engineers, owners, etc.
8. Stop any operation or action that is judged an imminent hazard until the hazardous condition or procedure can be remedied.

Safety is everyone's responsibility

Project Managers/Project Superintendents

Project Managers and/or Project Superintendents have full responsibility for the execution of the Project Safety Plan within their areas of responsibility. Any safety matter that cannot be resolved by the Project Manager and/or Project Superintendent shall be referred to the Safety Department without delay.

Project Managers and/or Project Superintendents shall be responsible for the safety of employees assigned to their projects and to the public, damage to company or other property, and damage, loss, or abuse to equipment and tools.

Project Superintendents shall also be responsible for:

1. Assuring that proper and positive, corrective actions are accomplished on safety recommendations resulting from deficiencies detected by safety inspections, or evident in the accident investigation of major or minor accidents.
2. Participating with Project Manager and Safety Representatives in making pre-job safety survey prior to the commencement of the project.
3. Communicating safety information to their Foremen and alerting them to potential dangers that may develop from their daily operations.
4. Assuring that all required signs are posted and bulletin boards are maintained in clear and legible condition.
5. Installing a workable housekeeping program which will include the following:
 - a. Assigning definite housekeeping responsibilities to specific individuals.
 - b. Making their own housekeeping inspections on their daily walk around of the job site.
6. Performing weekly inspections of the job site, as well as, maintaining a workable inspection schedule of the following:
 - a. All rigging equipment including: blocks, wire rope, shackles, slings, manila rope, etc.
 - b. Fire extinguishers and first aid kits.
 - c. Major equipment such as cranes, forklifts, aerial lifts, backhoes, welding machines, etc.
 - d. Scaffolds.
 - e. Ground Fault Circuit Interrupters (GFCIs).
 - f. Fall Protection.
 - g. Excavations and trenches.
7. Assuring that supervisors require all employees to properly use personal protective equipment such as hard hats, eye and face

Safety is everyone's responsibility

protection, fall protection, etc., and seeing that safety equipment is recovered when employees quit or are terminated.

8. Personally reviewing all injuries with the injured party and his supervisor.
9. Instilling in all personnel by action, example, and training a sincere attitude towards safety and developing a better understanding of accident prevention methods.
10. Enforcing compliance with federal, state, local, company and owner safety requirements.
11. Obtaining reports from subcontractors concerning any serious accidents to either their employees or property and conducting an investigation.
12. Assuring that at a minimum, weekly Tool Box Safety Talks are held and maintaining documentation of these meetings on site.
13. Conducting weekly progress meetings that include all subcontractors on site. The first agenda item for all meetings shall be "Safety."

Foremen

Foremen are responsible for the day-to-day implementation of the Project Safety and Health Program.

Foremen shall be responsible for:

1. Being aware of all safety requirements and safe work practices.
2. Plan all work activities to comply with the Project Safety Plan.
3. Instructing new employees and existing employees performing new tasks on safe work practices.
4. Assuring that work is performed in a safe manner and no unsafe conditions or equipment are present.
5. Ensuring that any injured employee receives prompt medical attention.
6. Investigating all injuries, property damage, and near misses and assuring that any corrective measures are in place.
7. Correcting all hazards, including unsafe acts and conditions which are within the scope of their position.
8. Reporting all injuries and safety violations.

Employees

Employees have a responsibility to themselves for their own safety. Likewise, they have a responsibility to their family, to their fellow workers, to the community, and to their employer to work safely. Employees must:

1. Report to work rested and physically fit to perform their job.
2. Be familiar and complying with the company Project Safety Plan.

Safety is everyone's responsibility

3. Any employee observing an unsafe condition or equipment shall immediately report it to their Foreman or Superintendent.
4. Work with care and good judgement at all times to avoid accidents whether or not a specific rule exists.
5. Obey all posted safety signs.
6. Use the required safety devices and wear the proper personal protective equipment as required.
7. No employee shall use, sell, possess, or be under the influence of alcohol and/or illicit drugs, and these items are strictly prohibited on the job.
8. Report all accidents to their supervisor immediately no matter how small or minor they may seem.
9. Notify their supervisor of any medical conditions, allergies, etc.
10. Properly handle, use, maintain, and store all safety equipment, company tools and materials.
11. Know the location and proper use of fire extinguishing equipment.
12. Horesplay including reckless driving of vehicles or equipment will not be tolerated.

1.3 Project Meetings

Regular coordination meetings, at an interval to be determined by the scope of the project, shall be held on every project. In attendance will be a HSS representative, a subcontractor representative for each subcontractor on site and the owner's representative. The first agenda item at these meetings shall be safety. Theses meetings shall be used to keep everyone informed of safety issues on the project.

2.0 Education and Training

The key to any safety program is the effective training of each employee. Each employee must know the safest way to perform each of their assignments and must be kept continually aware of the safety requirements for their job. Additionally, the Occupational Safety and Health Administration (OSHA), through its standards, explicitly requires an employer to train its employees in the safety and health aspect of their jobs.

2.1 New Employee Safety Orientation

All new or rehired Howard Shockey and Sons' employees are required to attend a safety orientation prior to being assigned to a project.

The safety orientation sets the tone safety within the company. It includes:

1. Company policy statement regarding safety, health and substance abuse
2. Company Safety and Health Program
3. Hazard Communication
4. Proper use of personal protective equipment (PPE)
5. Fire extinguisher training
6. Fall protection training
7. User training for scaffolds
8. Injury reporting procedure
9. Disciplinary procedure

2.2 Task Training

Prior to the start of any work activity, Foremen/Leadmen shall review each task assignment with every affected employee to ensure a comprehensive understanding of the safety requirements and precautions to be taken while performing this work.

2.3 Annual Training Days

1. Annual Supervisor's Training

All supervisors (Superintendents, Foremen, Leadmen, Project Managers/Engineers and Management) are required to attend a two-day annual training session. This training session covers various skills that are required for supervisors to effectively carry out their responsibilities.

Safety is everyone's responsibility

2. Annual Company-Wide Training

Each fall, all Howard Shockey and Sons' projects are shut down for one day so that the entire company can attend a one-day training session.

2.3 Tool Box Safety Talks

Tool Box Safety Talks are the most important part of Howard Shockey and Sons training program. These meetings are the main vehicles for delivering safety and health information to our employees, and these meetings are essential to the success of the Safety and Health Program.

Each Monday, or the first day of the work week, Superintendents/Foremen shall select a topic from a prepared Tool Box Talk binder and conduct a safety meeting. (See Appendix for a Table of Contents)

Superintendents/Foremen are responsible for selecting a topic that is relevant to the work that the crew will be performing for that week.

Minutes of the Tool Box Talks are to be kept on site in the Tool Box Talks binder. At the end of the year, all meeting documentation shall be sent to the Safety Department.

2.4 Supervisory Training

All Project Managers, Superintendents, Foremen and Leadmen are required to attend the OSHA 10-hour construction safety course. This class reviews the basic construction safety requirements of the OSHA standards.

Safety is everyone's responsibility

3.0 Company Safety Rules

3.1 General

1. Good housekeeping is essential to the overall safety of the project. Trash cans shall be conveniently located throughout the job site.
2. Scrap lumber, waste material and debris shall be removed from the immediate work area as the work progresses.
3. All solvent waste, oily rags and flammable liquids shall be kept in fire resistant covered containers until removed from the job site.
4. An adequate supply of drinking water shall be provided on each job site.
5. Single service paper cups shall be kept in a sanitary container and a bucket or can for disposing of used cups shall be provided.
6. Toilets shall be provided for employees as follows:

<u>Number of employees</u>	<u>Min. number of facilities</u>
20 or less	1
20 or more	1 per 40 workers
200 or more	1 per 50 workers
7. Adequate hand washing facilities shall be provided where employees are applying paints or coatings or handling other contaminants (such as wet concrete) that may be harmful.
8. All construction areas, walkways, storage areas and exitways shall have adequate illumination.

3.2 Personal Protective Equipment

1. All employees, subcontractors and visitors are required to wear ANSI approved hard hats at all times while on the construction site.
2. Employees are required to wear safety glasses at all times while on the construction site.
 - a. Non-prescription glasses are available at no cost to employees.
 - b. Prescription safety glasses must be ANSI approved. Approved glasses must be stamped "Z87" on the frames. Prescription safety glasses with the base frame are also available at no cost to employees. Upgraded frames can be substituted at the employee's cost. Authorization forms for prescription safety glasses must be obtained from the Personnel Department.
 - c. Tinted safety glasses are not to be worn inside buildings or in enclosed areas.
3. Burning goggles or face shield are required oxy-acetylene cutting operations. Lenses shall be at least #3 shade.
4. Hearing protection is required when employees are exposed to noise levels above 90 decibels. Hearing protection should be worn by employees operating tools or equipment such as grinders, jack hammers, concrete saws, etc. for an extended period of time.

Safety is everyone's responsibility

5. Gloves should be worn when handling equipment or material. Rubber or plastic coated gloves must be worn when handling chemicals, acids, wet concrete, etc.
6. Foot protection (guards) must be worn when using tampers, jack hammers or similar equipment.
7. Where personal fall arrest systems are required, an approved full body harness with a shock-absorbing lanyard must be used. All snap hooks must be double locking. Body belts are prohibited for fall protection.

3.3 Respiratory Protection (Refer to Appendix H for Written Program)

1. Engineering controls, such as the use of sufficient natural or mechanical ventilation, should be utilized wherever possible to protect employees without having to require the use of respirators.
2. Employees are required to wear a respirator when they are performing work that exposes them to a gas, vapor, mist, dust, or other airborne contaminant, above its established exposure limit.
3. All respirators must be certified by the National Institute for Occupational Safety and Health. (NIOSH)
4. All employees required to wear a respirator shall be:
 - a. Medically evaluated to determine that they are fit to wear a respirator.
 - b. Properly trained.
 - c. Fit-tested with the same make, model and size of respirator that will be used.
5. Respirator fit testing shall be repeated annually.
6. Respirators are to be properly maintained at all times in order to ensure that they function properly and adequately protect the employee.
7. Respirators shall be inspected daily whenever they are in use. Respirators that do not pass inspection shall be repaired or replaced immediately.
8. Respirators must be stored in a clean, dry place. Respirators not discarded after one shift's use shall be stored in a suitable container away from areas of contamination.

3.4 Hazard Communication

The purpose of the Hazard Communication Program is to ensure that employees are aware of the hazards of chemicals used on the job site. Howard Shockey and Sons' Hazard Communication Program is contained in the job site MSDS book.

1. A material safety data sheet (MSDS) must be available on site for all chemicals being used. Subcontractors are required to submit a copy of the MSDS for all chemicals that will be used on the job site.
2. All chemical containers must be labeled.

Safety is everyone's responsibility

- a. The label must state the name of the chemical as well as the hazards of the chemical.
 - b. The manufacturer's label should be used as the primary chemical label.
 - c. If the manufacturer's label is not legible or has been removed, or the chemical has been transferred to another container, a secondary label (ie. HMIS or NFPA) must be put on the container.
3. Hazard communication training will be conducted for all new employees during orientation. Additional training shall be conducted by the Superintendent/Foreman as needed.
 4. MSDSs are available in the job site trailer for employees to review.

Refer to Appendix I for the written program.

3.5 First Aid and Medical

1. A minimum of one first aid kit shall be maintained in the job site trailer at all times. Additional first aid kits may be required based on site layout or the number of employees on the job site. At a minimum, the first aid kit should contain:

1 pkg. Aspirin	1 roll of adhesive tape
1 pkg. Ammonia inhalers	1 pkg. Sting kill swabs
1 pkg. Hydrocortizone cream	4 3"x3" sterile gauze pads
1 forciers	1 snake bite kit
1 2" compression bandage	1 can of burn spray
1 pkg. 1"x3" adhesive bandages	1 pkg. Alcohol preps
1 pkg. Knuckle bandages	1 pkg. Iodine swabs
1 pkg. Fingertip bandages	1 triangular bandage
1 quick cool pack	2 pair of latex gloves
1 rescue breather	
1 bloodborne pathogen kit	

Note: First aid kits shall be inspected weekly to ensure that expended items are replaced.

2. At least one employee certified in CPR and First Aid must be on the job site at all times.
3. All Howard Shockey and Sons Superintendents, Foremen and Leadmen shall be certified in CPR and First Aid. The certified individuals on this job site are:

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4. Employees must report all injuries no matter how minor to their supervisor immediately. Minor injuries, if not cared for, can become more serious over time.
5. After an injury is reported to a supervisor, if an employee requires medical attention other than on site first aid, they will be directed to:

Refer to Panel of Physicians in Appendix G

6. In accordance with Howard Shockey and Sons' Substance Abuse Policy, all employees sustaining an injury that requires medical attention shall submit to a drug screen.
7. If subsequent treatment is required by a specialist (ie. orthopedic, physical therapist), the employee will be provided a panel of physicians to select from.

3.6 Hand Tools

3.6.1 General

1. Maintain all hand and power tools in a safe, working condition. Do not use a defective or unsafe tool.
2. Do not remove or bypass a manufacturer's installed safety device. All guards must be in place on power tools.
3. Impact tools such as chisels, drift pins and wedges shall be kept free of mushroomed heads.
4. The wooden handles of tools shall be kept free of splinters or cracks and shall be kept tight in the tools.
5. "Cheaters" shall not be used to increase the capacity of the tool.

3.6.2 Pneumatic Power Tools

1. Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected.
2. All hose connections shall be secured with a wire or pin.
3. All pneumatically driven nailers, staplers, or similar equipment with automatic fastener feed, which operate at more than 100 p.s.i. shall have a safety device at the muzzle to prevent the tool from ejecting fasteners unless the muzzle is in contact with the work surface.
4. All hoses exceeding ½" inside diameter shall have a safety device at the source or branch line to reduce pressure in case of hose failure.
5. The use of hoses for hoisting or lowering tools is prohibited.

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3.6.3 Electric Hand Tools

1. Electric power tools shall be either the grounded three-wire type or be double insulated. Double insulated tool will be marked with the following symbol:



2. All 110/120v electric powered hand tools shall be protected by a ground fault circuit interrupter (GFCI).
3. Tools with the ground pin missing from the plugs shall not be used.

3.6.4 Powder-Actuated Tools

1. Only employees who have been trained in the operation of the particular tool shall be allowed to operate powder-actuated tools.
2. Powder-actuated tools shall be tested each day before use to ensure that safety devices are in proper working condition.

3.7 Fall Protection

1. Employees on walking working surfaces six feet or more above the ground or lower level must be protected from falling by use of:
 - a. Guardrails
 - b. Safety nets
 - c. Personal fall arrest systems
2. Guardrails shall consist of a top rail and a midrail. The top edge of the top rail shall be 42" above the work surface and the midrail shall be halfway between the top rail and the work surface. Top rails must withstand a 200 pound force and midrails must withstand a 150 pound force applied in any direction. Guardrails can be 3/8" wire rope, 2 x 4 structural lumber, structural angle or pipe.
3. A parapet can serve as a top rail, mid rail or both depending on its height above the work surface.
4. If wire rope is used for guardrails, the top rail must be marked with highly visible material (caution tape) every 6'.
5. Personal fall arrest systems shall consist of:
 - a. Approved full body harness
 - b. Shock-absorbing lanyard with double locking snap hooks
 - c. Appropriate anchorage point capable of withstanding a 5000 pound force. The anchorage point shall be located so an employee's free fall is restricted to 6'.
6. Full body harnesses and lanyards shall be inspected before each use.
7. Employees shall be protected from falling 6' or more through floor and roof openings. Holes greater than 2" in diameter shall be guarded by a standard guardrail or covers. Covers must withstand two times

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- the intended load and be marked "Hole" or "Cover" to provide warning of the hazard.
8. Warning line systems are barriers erected on a roof to warn employees that they are approaching an unprotected roof side or edge. Warning line systems shall be:
 - a. Erected around all sides of the roof work area.
 - b. Erected not less than 6' from the roof edge.
 - c. Consist of rope, wire, chain or reinforced barrier tape and be flagged at 6' intervals with high visibility material.
 - d. Rigged and supported between 34" and 39" above the walking/working surface.
 9. Employees working on flat or low-sloped roofs (4/12 pitch) shall be protected by perimeter guardrails, personal fall arrest systems or any of the following combinations:
 - a. Warning lines and guardrails.
 - b. Warning lines and safety nets.
 - c. Warning lines and personal fall arrest systems.
 - d. Warning lines and safety monitoring system

Note: A safety monitoring system shall only be used when positive fall protection, guardrails or personal fall arrest systems, is either infeasible or create a greater hazard.

3.8 Scaffolds, Ladders and Aerial Lifts

3.8.1 Scaffolds

1. Scaffolds shall be erected on sound rigid footing. Unstable objects such as loose brick, loose concrete blocks, boxes, barrels, etc. shall not be used to support scaffold frames or planks.
2. Standard guardrails (top rail and midrail) shall be installed on all open sides and ends of scaffold platforms more than 10' above the ground or floor.
3. Scaffolds 4' to 10' in height, having a minimum horizontal dimension in either direction of less than 45" shall have guardrails installed on all open sides and ends of the platform.
4. Where there is a danger of falling tools or equipment, one of the following shall be in place to protect employees below:
 - a. Toeboards
 - b. Canopy structure
 - c. Barricade at the ground level
5. Employees are not permitted to ride on manually propelled mobile scaffolds.
6. Prior to use, all wheels on mobile scaffolds shall be locked.
7. An access ladder or equivalent safe access must be provided on all scaffolds.

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8. Scaffold planks shall extend over their end supports not less than 6" nor more than 12" unless otherwise secured.
9. Slippery conditions on scaffolds shall be eliminated as soon as possible.
10. All scaffolds must be erected plum and level.
11. Scaffolds must be secured or stabilized with outriggers when the height exceeds 4 times the smaller base dimension. Scaffolds must also be secured every 30' horizontally and 26' vertically.
12. Material shall not be stacked more than 24" high on a scaffold deck.
13. Do not rig well wheels, pulleys, etc. from guardrails, braces, frames, etc.

3.8.2 Ladders

1. Inspect ladders before each use.
2. Only one person shall be on a ladder at any time.
3. Metal ladders shall not be used in electric welding operations or near electrical services or lines.
4. Do not carry tools while ascending or descending a ladder. Use a handline.
5. Ladders with broken or missing rungs, split side rails or other defects shall not be used.
6. Ladders shall be placed using the "1 to 4 rule." The foot of the ladder shall be placed approximately $\frac{1}{4}$ of its length away from the vertical plane of its top support.
7. Ladders shall be secured at all times while in use.
8. The top of the ladder must extend 3' above its supporting surface when used for access to an elevated area.
9. Extension ladders must be overlapped by a length of at least three rungs.
10. Do not stand on the top of a step ladder.
11. Step ladders must be opened completely with all four feet resting on sound level footing.
12. Two step ladders must not be used as supports for scaffold boards.

3.8.3 Aerial Lifts

1. All aerial lifts shall be operated in accordance with the manufacturer's recommendations.
2. Only trained and authorized employees shall operate an aerial lift platform.
3. Employees working in extensible or articulating type boom platforms shall wear a full body harness and be tied off to an anchorage point within the basket.

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4. Employees must stand on the floor of the basket and shall not sit or climb on the edge of the basket or use planks, ladders, or other devices for a work position.

3.9 Crane and Rigging Equipment

3.9.1 Cranes

1. Only trained and certified personnel are permitted to operate a crane.
2. Operators should sound the horn to warn employees before swinging a load into their area.
3. No employee shall be permitted under a suspended load, except those employees required to erect tilt-up or precast concrete.
4. Standard operating signals or radio communication shall be used to direct all hoisting operations. Only one person should be allowed to give signals to an operator, except for the "emergency stop" signal.
5. The specific capacity chart for the make, model and configuration of crane on site, as well as, the manufacturer's operating manual shall be in the crane cab at all times.
6. Accessible areas within the crane's swing radius must be barricaded.
7. Whenever there is a power line in the work area, it shall be assumed to be energized until proven otherwise. When energized power lines are encountered, contact the utility company and request that:
 - a. The power line be removed.
 - b. The power line be re-routed so it will be out of the cranes working area.
 - c. The power line be de-energized or insulated.
8. The minimum clearance distance for any part of the crane or load shall be 10' for power lines rated up to 50 kV. (Whether insulated or not.)
9. Power lines greater than 50 kV require greater distances.
10. An annual inspection of the crane shall be made by a competent person, or by a government or private agency recognized by the U.S. Department of Labor. A current certificate of inspection shall be in the crane cab at all times.
11. Additional crane inspections shall be as follows:
 - a. Initially when a crane arrives on site to ensure that the crane was not damaged in transit.
 - b. Daily to ensure that the crane is in safe operating condition.
12. Any deficiencies found in inspections shall be repaired, or defective parts replaced, before any continued use.
13. The operator shall never leave the crane while a load is suspended.

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3.9.2 Rigging Equipment

1. All slings, shackles, etc. shall be inspected each day before use and periodically during use. All defective rigging equipment shall be tagged and removed from service immediately.
2. Rigging equipment shall not be loaded in excess of its recommended safe working load.
3. Eyes in wire rope slings shall not be formed by wire rope clips or knots.
4. Slings shall be padded or protected from the sharp edges of a load.
5. Wire rope slings shall be removed from service if any of the following is observed:
 - a. Crushing, kinking, birdcaging or other damage resulting in distortion of the rope.
 - b. Evidence of heat damage such as an arc strike.
 - c. Three or more broken wires in any one strand of a lay or six randomly broken wires in a lay.
 - d. More than one broken wire at an end fitting.
6. Synthetic web slings shall be marked to show the name of manufacturer, the rated capacity for the type of hitch, and the type of material used.
7. Synthetic slings shall be removed from service if any of the following conditions are present:
 - a. Acid or caustic burns.
 - b. Melting or charring of any part of the sling surface.
 - c. Snags, punctures, tears or cuts.
 - d. Broken or worn stitches.
 - e. Distortion of fittings.

3.10 Electrical

1. Switchboards and panelboards with exposed live parts shall be located in permanently dry locations and accessible only to qualified persons.
2. All 110/120-volt, single phase, 15 and 20-amp receptacles that are not part of the permanent wiring must be protected by ground fault circuit interrupters (GFCI).
3. Lamps for general illumination must be protected from breakage.
4. Temporary lights shall not be suspended by their cords, unless they are so designed.
5. Extension cords shall be the three-wire type. Extension cords must be designed for hard (types S, ST, SO, or STO) or junior-hard (types SJ, SJO, SJTO, or SJT) usage.
6. Tools or extension cords with the ground pin missing from the plugs shall not be used.

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7. Worn or frayed electrical cords shall not be used. Extension cords must not be fastened with staples, hung from nails, or suspended by wire.

3.11 Fire Prevention/Protection

3.11.1 Fire Prevention

1. Work areas shall be cleaned on a regular basis to prevent the accumulation of trash or other combustible material.
2. Smoking is prohibited in areas where flammable or combustible materials are used or stored. "NO SMOKING" signs shall be posted at storage areas.
3. No combustible material shall be stored outdoors within 10' of a building or structure.
4. Indoor storage areas for flammable or combustible materials shall not obstruct or adversely affect exits.
5. Approved safety cans with self-closing lids and flame arrestors shall be used for the handling and use of flammable liquids in quantities of 5 gallons or less. For quantities of 1 gallon or less, the original container may be used for storage and use.
6. No more than 25 gallons of flammable or combustible liquids may be stored in a room outside of an approved storage cabinet. No more than 60 gallons or 120 gallons of combustible liquids shall be stored in any one storage cabinet.
7. Heaters shall not be set directly on wood floors or combustible materials.
8. Solid fuel salamanders are prohibited in buildings and on scaffolds.
9. Compressed gas cylinders shall be secured in an upright position at all times.
10. Valve protection caps shall be in place when compressed gas cylinders are transported, moved or stored.
11. Oxygen cylinders in storage must be separated from fuel-gas cylinders and combustible materials a minimum of 20' or be separated by a ½-hour rated fire wall at least 5' in height.
12. Oxy-acetylene torches shall have an internal check valve or backflow prevention device in the torch handle.
13. Flame arrestors shall be installed at the regulators.

3.11.2 Fire Protection

1. Fully charged fire extinguishers shall be provided on the job site as follows:
 - a. One 2A rated fire extinguisher shall be provided at each stairway of each floor with a minimum of one fire extinguisher per 3000 ft² of protected building area. Travel distance to the nearest extinguisher must not exceed 100'.

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- b. One 10B rated fire extinguisher within 50' of wherever more than 5 gallons of flammable or combustible liquids are used.
- c. One 20BC rated fire extinguisher within 75' of vehicle or equipment fueling areas.
- d. One 5BC rated fire extinguisher mounted in crane cabs and on forklifts.

Note: Areas of coverage in items a through c can be overlapped.
(A typical 5-pound fire extinguisher is rated at 5A-40BC.)

- 2. Fire extinguishers shall be inspected monthly to ensure that they are in operating condition.
- 3. All employees shall be familiar with fire extinguisher locations and proper use.

3.12 Excavation and Trenching

- 1. Before opening any excavation, any underground utility installations must be identified either by the owner or by the utility company. State law requires contractors to notify Ms. Utility (800 257-7777) 48 hours before digging.
- 2. Excavations below the base or footing of a foundation or retaining wall shall not be permitted unless:
 - a. A support system such as underpinning is provided
 - b. The excavation is in stable rock
 - c. A registered professional engineer determines that the structure will not pose a hazard to workers
- 3. Trenches 5' or more in depth or excavations in which employees are exposed to danger from moving ground or cave-in shall be guarded by sloping, benching or a protective shoring system. (Refer to 29 CFR 1926 Subpart P for specific information on soil types, sloping or benching diagrams or shoring requirements.)
- 4. Excavations 4' deep or more shall have adequate means of exit, such as ladders or steps, located so as to require no more than 25' of travel to an exit.
- 5. Keep spoil piles, material and equipment at least 2' from the edge of an excavation.
- 6. Daily inspections of excavations shall be made by a competent person. If evidence of a cave-in or a slide is apparent, all work in the excavation shall cease until precautions have been taken to protect employees.
- 7. Employees shall not work in excavations in which water has accumulated or water is accumulating unless adequate precautions have been taken to protect employees.

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8. Excavation walls shall be inspected after rain and snowstorms and after freezing and thawing.
9. Walkways shall be provided where employees are required to cross over an excavation. Guardrails as defined in Section 3.6, Fall Protection, of this program shall be provided where walkways are 6' or more above lower levels.

3.13 Confined Space

1. A confined space is defined as area that:
 - a. Is large enough for an employee to bodily enter and perform work.
 - b. Has limited or restricted means of entry or exit.
 - c. Is not designed for continuous human occupancy.
2. Confined spaces are further classified as "Permit" or "Non-Permit" confined spaces.
3. Permit required confined spaces (PRCS) are defined as confined spaces with one or more of the following:
 - a. Contains, or has the potential to contain, a hazardous atmosphere such as:
 - 1) Atmospheric oxygen concentration below 19.5% or above 23.5%.
 - 2) A flammable gas or vapor greater than 10% of its lower explosive limit (LEL).
 - 3) An atmospheric concentration of any toxic contaminant above the OSHA permissible exposure limit (PEL).
 - 4) An airborne combustible dust that obscures vision at a distance of 5 feet.
 - 5) Any immediately dangerous to life or health (IDLH) atmosphere.
 - b. Contains a material with the potential for engulfment.
 - c. Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls.
 - d. Contains any other recognized serious safety hazard.
4. Examples of typical confined spaces are storage tanks, wells, pipelines, sewers, boilers, silos or vessels.
5. Entry into a PRCS requires the following:
 - a. A written confined space program.
 - b. An entry permit which specifies the conditions required for safe entry.
 - c. A trained confined space attendant positioned outside the space.
 - d. Confined space training for all entrants.
 - e. Rescue and emergency equipment.
6. A PRCS can be reclassified as a non-permit required confined space (NPRCS) if the space has little or no potential for the generation of a hazardous atmosphere or the atmospheric hazard is eliminated or controlled by natural or mechanical ventilation with all other serious hazards eliminated.

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7. NPRCS shall be periodically re-evaluated to assure proper classification.
8. Atmospheric testing may be waived for NPRCS if such spaces are properly ventilated before and during entry and it has been established that the ventilation is sufficient to guard against a hazardous atmosphere.

3.14 Lockout/Tagout

3.14.1 General

Authorized Employee: The employee who locks or implements a tagout system procedure on machines or equipment to perform the servicing or maintenance on that machine or equipment.

Affected Employees: An employee who operates a machine or equipment on which servicing or maintenance work is being performed or who must work in an area in which such work is being conducted.

3.14.2 Lockout/Tagout Procedures

1. If de-energizing electrical circuits is chosen for lockout/tagout procedure the authorized employee will conduct a thorough inspection to identify all potentially hazardous energy sources, including adjacent equipment or energy sources that represent hazards to personnel.
2. When all potentially hazardous sources of energy have been identified, each source will be controlled, secured and verified.
 - a. All hazardous energy sources will be isolated, blocked, or dissipated at points of control that cannot, with reasonable effort be overridden or by-passed.
 - b. Stored or residual energy that constitutes a personal hazard will be isolated, blocked, or dissipated. Blocks, pins, or other devices may be used to block any potentially dangerous movement.
 - c. Examples of stored or residual energy:
 - hydraulic or pneumatic pressure
 - pressure below atmospheric
 - compressed or extended springs
 - potential energy due to gravity
 - mechanical energy (flywheels)
 - static electricity
 - stored electrical energy (batteries)
 - stored electrical energy (capacitors)
 - thermal energy due to residual heat or low temperatures

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- residual chemicals in pipe which may cause thermal or pressure buildup

3. The points of control shall be secured so that unauthorized persons are prevented from reenergizing the machine, process, or system.
 - a. Lockout - secured by a physical means (as a padlock) such that reenergizing the system requires the use of special equipment available only to the authorized employee (such as a key).
 - b. Tagout - posting a warning at the point of control stating why the energy source has been controlled, the date, the name of the authorized employee.
 - c. Posting a qualified person - posting a person with specific responsibility of protecting against unauthorized activation, at the points of control throughout maintenance activity. This applies only to short duration work in the immediate vicinity of the control points.
4. Before starting maintenance, the authorized employee shall verify that all procedures have been effective in isolating, blocking, or dissipating hazardous energy and securing points of control.
5. Upon completion of the maintenance or servicing activities the authorized employee will remove blocks, pins, or other methods used to isolate, block, or dissipate the hazardous energy at the points of control. The authorized employee will inspect the machinery, process, or system to ensure that it is in safe operating condition before it is unlocked/untagged. The authorized employee shall also verify that all personnel are clear of the points of danger before reenergizing the machine, process, or system.

3.14.3 Group Lockout Procedures

If more than one individual is required to Lockout/Tagout equipment, each person shall place his/her lock and tag on a hasp lockout device which will accommodate multiple locks. As each person finishes his/her work they shall remove their lock and tag, leaving the hasp lockout device in place.

The last person to remove their lock and tag will remove the hasp lockout device. This person will be responsible for ensuring that the equipment, process or system is in safe operating condition and that all personnel and

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tools are clear of the points of danger before reenergizing the equipment, process or system.

3.15 Material Handling and Earthmoving Equipment

3.15.1 General

1. Seat belts shall be provided on and used while operating all equipment. (Exception: Seat belts are not required on equipment without roll-over protection.)
2. Roll-over protective structures are required on all equipment manufactured after July 1, 1969.
3. All bidirectional equipment such as bulldozers, rollers, compactors, front-end loaders, and similar equipment shall be equipped with a horn in operating condition.
4. All earth moving and compacting equipment shall be equipped with an audible back-up alarm when there is an obstructed view to the rear.

3.15.2 Forklifts

1. Only trained and certified personnel are permitted to operate forklifts.
2. The operator must perform a daily pre-use inspection on the forklift at the beginning of each shift.
3. No one except the operator is permitted to ride on the forklift.
4. Handle loads only within the rated capacity of the forklift. Inspect loads carefully prior to lifting.
5. If a load obstructs the forward view, travel in reverse.
6. When carrying a load, drive up and back down ramps.
7. Stop the engine when refueling.
8. Do not lift personnel on pallets or allow personnel to be lifted while standing on the forks. Only approved and properly secured platforms shall be used for lifting personnel.
9. When a vehicle is left unattended (i.e. operator is more than 25 feet away or the vehicle is out of the operator's view) the operator must:
 - a. Turn off the engine
 - b. Remove and secure the keys
 - c. Fully lower the forks
 - d. Place the directional controls in neutral or park
 - e. Apply the parking brake
 - f. Turn the propane cylinder completely off

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3.15.3 Skid-Steer Loaders (Bobcats)

1. Only trained and authorized personnel are permitted to operate a bobcat.
2. The operator must inspect the bobcat at the beginning of each shift.
3. No one except the operator is permitted to ride on a bobcat.
4. The operator must maintain three-point contact when mounting or dismounting the vehicle.
5. Do not overload the bucket or attachments or carry a load that can fall from a bucket or attachment.
6. Operate the controls smoothly and avoid sudden starts, stops or turns.
7. To shutdown the machine:
 - a. Stop the machine
 - b. Lower the bucket or other attachments flat on the ground
 - c. Position the controls in neutral
 - d. Engage the parking brake
 - e. Stop the engine
 - f. Raise the operator seat bar
 - g. Remove the ignition key

4.0 Safety Inspections

Various types of safety inspections are used to monitor a job site's compliance with federal, state and local regulations, this Safety and Health Program, as well as specific owner safety requirements. Upon review of the inspection, unsafe acts or conditions discovered during a safety inspection shall be corrected immediately. If a Superintendent/Foreman can not correct a situation immediately, it shall be made safe by some other means until a permanent fix can be made.

If a condition or act is witnessed during the inspection, such if not corrected has the potential to cause a serious injury, the inspection shall be temporarily stopped and the situation corrected immediately.

4.1 Daily Inspections

Each Superintendent/Foreman shall conduct daily walk-through inspections of the job site. Any safety hazards shall be corrected immediately. Superintendents/Foremen shall record results of their daily inspection in their log.

4.2 Score Card Inspections

Each Superintendent/Foreman shall conduct a weekly inspection of their respective job site using the "SCORE Card" inspection form. (See Appendix C)

These inspection reports shall be kept on site for review during periodic safety inspections.

4.3 Safety Committee Inspections

Howard Shockey and Sons utilizes a safety committee made up of hourly employees, supervision and management. Members of this committee conduct monthly safety inspections of key projects.

The safety committee member will review a written report of the inspection with the Superintendent/Foreman and circulate the inspection report to:

1. Project Manager
2. Safety Director
3. Safety Committee Chairperson

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4.4 Periodic Safety Inspections

Unannounced safety inspections will periodically be conducted by the Safety Department or other Management representatives to monitor compliance with the Howard Shockey and Sons' Safety and Health Program.

A written report of the inspection will be reviewed with the Superintendent/Foreman and circulated to the following:

1. Project Manager
2. Vice President
3. Operations Manager

Results of these periodic safety inspections will be used to evaluate a Superintendent/Foreman during their annual review.

5.0 Incident Reporting Procedure

5.1 Injuries (Refer to Appendix G)

1. Employees must report *all* injuries to their supervisor *immediately* no matter how minor they may seem.
2. If an employee requires medical attention, he/she shall be offered a Panel Physicians from Appendix G.
3. The employee's Superintendent/Foreman shall complete a Supervisor's Accident Investigation form the day of the injury and forward it to the Project Manager and Safety Department.
4. Serious injuries such as fatalities, injuries requiring ambulance or paramedic, or lost time injuries must be reported to the Project Manager and Safety Director, Charles Capitano (678-3462 or cell # 323-3262) immediately. (*For pagers, enter 911 after your number*)

Note: The OSHA 300 Log will be maintained by the Safety Director in the main office. Logs are required to be posted on each job site between February 1st and April 30th for the previous year.

5.2 Near Miss Incidents

1. "Near miss" incidents that did not result in injury or property damage, but had the potential to do so shall also be reported to an employee's supervisor.
2. The Superintendent/Forman must investigate a "near miss" in the same manner as an injury. "Near misses", investigation results, and any necessary protective measures should be discussed during tool box safety meetings.
3. The Superintendent/Foreman shall complete a Supervisor's Accident Investigation form for any *significant* "near miss" that had the potential to cause serious physical harm or death.
4. The report shall be sent to the Project Manager and Safety Department so that other job sites can become aware of and correct the hazard.

5.3 Motor Vehicle Accidents

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1. All accidents in company vehicles shall be reported immediately to the Safety Director.
2. Any vehicle accident involving a company vehicle with property damage in excess of \$1000, except when an injury is involved, will be reviewed by the Vehicle Accident Review Board.
3. All vehicle accidents involving bodily injury will be reviewed by the Board.
4. If driver fault is a possibility in the accident, a drug screen will be required within 24 hours of the accident, except where DOT regulations apply.

6.0 Emergency Action Plan *(For site specific information, see Appendix F.)*

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6.1 Serious Injury

In case of serious injury, the following steps should be followed:

1. Check the scene. Assure that it is safe to approach the injured employee and that providing care will not endanger additional personnel.
2. Initial response will be by Howard Shockey designated personnel who are trained in CPR and First Aid. The certified individuals for this job site are listed in Section 3.5, First Aid and Medical.
3. These individuals will determine if advanced medical personnel need to be notified. **Call 911 or other emergency number posted in the job site trailer.** The emergency phone numbers for the Countryside M/S Project are posted in the job site trailer.
4. Once emergency personnel have been notified, have an employee positioned at the site entrance to direct emergency personnel once they arrive.
5. Once emergency personnel arrive, one of the Howard Shockey first aid providers should apprise the emergency responders of the situation.
6. Once the injured employee has been cared for, preserve the accident scene, if possible, to facilitate an accurate accident investigation.
7. Notify the Project Manager and Chas Capitano (678-3462 or cell # 323-3262) immediately. *(For pagers, enter 911 after your number.)*

6.2 Fire

1. Small fires should be extinguished using a near by fire extinguisher. All fires shall be reported to a supervisor.
2. In case of a large or uncontrollable fire,
 - a. Alert nearby personnel and evacuate the area. Notify the Superintendent/Foreman immediately.
 - b. Sound an air horn or other alarm to evacuate all employees from the building.
 - c. Call the Fire Department using **911**, or other emergency number posted in the job site trailer.
 - d. After evacuating the building, employees shall assemble at designated areas.
 - e. A supervisor will conduct a head count to verify that all employees have safely exited the building.
 - f. If any employees are unaccounted for notify the Fire Department immediately upon arrival. The Fire/Rescue Department will conduct any necessary rescue operations.
 - g. Notify the Project Manager and Chas Capitano (678-3462 or cell # 323-3262) immediately. *(For pagers, enter 911 after your number.)*

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6.3 Collapse or Failure of Supports

1. In the event of a collapse or failure of supports for the structure, the affected area and the areas adjacent to the affected area (including the entire Project if necessary) shall be immediately evacuated and closed off.
2. Call Fire/Rescue Department at **911** or other emergency numbers posted in the job site trailer.
3. Notify the owner representative, the Project Manager and Chas Capitano immediately.
4. Only authorized personnel performing emergency services or investigative activities will be allow access to the project until it is determined that it is safe to return.

6.4 Severe Weather

1. Employees will be alerted when severe thunderstorms, tornado or hurricane warnings or other severe weather conditions are issued by the National Weather Service.
2. Subcontractors will be notified in the event that severe weather is expected so loose material and critical structures can be secured to prevent them from being wind blown.

7.0 Disciplinary Procedures

Safety is everyone's responsibility

The purpose of a discipline program is to change unsafe behavior. It is not meant to be a system to threaten or demean employees. Discipline is a constructive learning tool designed to help the employee adjust to the company's safety culture.

Superintendents, Foremen, and Management are responsible for administering the Discipline Program.

- | | |
|----------------|--|
| FIRST OFFENSE | <ol style="list-style-type: none">1. Immediate correction if applicable.2. Verbal warning issued to employee along with an explanation of the safety requirement that was violated.3. Documented in supervisor's log and Safety Department notified |
| SECOND OFFENSE | <ol style="list-style-type: none">1. Immediate correction if applicable.2. Written warning (See Appendix E) with copy to Safety Department and Employee's personnel file. |
| THIRD OFFENSE | <ol style="list-style-type: none">1. Immediate correction if applicable.2. Written warning (See Appendix E) with copy to Safety Department and Employee's personnel file.3. Mandatory time off without pay (time off to be determined by Safety Director and Operations Manager based on severity) |
| FOURTH OFFENSE | <ol style="list-style-type: none">1. Final written notice.2. Immediate dismissal. |

Based on the severity of the violation, the supervisor can go to the Fourth Stage (dismissal) at any time.

For willful safety violations where the individual could have cause serious injury to himself/herself or another employee, a written notice shall be issued to the employee and the matter shall be referred to the Operations Manager. The Operations Manager in conjunction with the Safety Director shall determine the severity of the discipline.

8.0 Substance Abuse Policy

Safety is everyone's responsibility

8.1 Scope

APPLIES TO ALL EMPLOYEES OF THE SHOCKEY COMPANIES

8.2 Objective

It is the objective of this policy to assist in providing a safe working environment for all employees, to comply with contractual obligations, federal and state laws, to ensure quality work, and to protect the community, the Company's property and reputation.

8.3 Premises

For the purpose of this policy "premises" are defined as all buildings, property, work areas, work locations, customers' properties, parking lots, vehicles, assets, or any other place employees may be in the course and scope of their employment with the Company.

8.4 Policy

It is the policy of The Shockey Companies that employees shall not be involved with the unlawful use, possession, sale, or transfer of drugs, narcotics or drug use paraphernalia. Furthermore, employees shall not possess unauthorized alcoholic beverages in the work place nor consume unauthorized alcoholic beverages in association with working hours.

1. In keeping with this policy, employee involvement with the unlawful possession, use, sale or transfer of drugs or narcotics in association with working hours on Company or Client property shall not be permitted. In addition, unlawful involvement with drugs or narcotics outside of working hours and/or off Company property shall be considered a violation of company policy.
 - a. The unlawful use of drugs or narcotics by an employee at any time on Company property, prior to, during or after work hours, or during breaks and meal periods will constitute grounds for immediate termination of employment.
 - b. Employee participation in the sale or transfer of drugs or narcotics on Company property will constitute grounds for immediate termination of employment, and will be reported to the appropriate legal authorities.
 - c. The unlawful possession of drugs or narcotics on Company property, including paraphernalia with the residue of a drug or narcotic, either on an employee's person or in an employee's personal vehicle or other personal property, will

Safety is everyone's responsibility

- constitute grounds for severe disciplinary action, up to and including immediate termination of employment.
- d. The unlawful involvement with drugs or narcotics off Company property will constitute grounds for severe disciplinary action., up to and including termination of employment.
2. Also in keeping with the policy, unauthorized employee involvement with the possession or consumption of alcoholic beverages in association with working hours or in the work place shall not be permitted.
 - a. The unauthorized consumption of alcoholic beverages during work hours, during breaks or meal periods, on Company or client property will constitute grounds for immediate termination of employment.
 - b. The unauthorized possession of alcoholic beverages in the work place, or the reporting to work under the influence of alcoholic beverages, will constitute grounds for disciplinary action, up to and including termination of employment.
 - c. Alcoholic beverages shall not be consumed at business-related functions nor served at a Company function during or after working hours and/or on Company property without prior approval of the appropriate Division Manager in writing.
 3. Incidents of known or suspected unlawful involvement with drugs or narcotics shall be referred promptly to the Personnel Department for investigation. The Company will utilize all investigative techniques, including available testing and analysis as required to detect violations of this policy. The Company may require employees to allow Company representatives to search their vehicles, lockers, and/or other containers the employee may have brought into the work place. An employee's failure to submit to such tests or searches will constitute grounds for disciplinary action, up to and including immediate termination of employment.
 4. Any evidence obtained by the Company of the unlawful use, sale or possession of drugs or narcotics will be turned over by the Personnel Department to law enforcement agencies.
 5. The Personnel Department is responsible for the overall corporate administration of this policy, including the coordination of appropriate disciplinary action for offenders.

Where known or suspected involvement with unlawful drugs or narcotics, or with alcoholic beverages, results in a determination that the subject employee should not remain on the job, the first line supervisor shall have the authority to suspend the employee from work pending investigation and review of the matter for appropriate disciplinary action.

Safety is everyone's responsibility

6. It remains the Company's desire and intent to encourage an employee with an alcohol or drug dependency to seek professional assistance before the problem leads to an incident requiring disciplinary action. When a violation of this policy has occurred., an employee's request to submit to a drug and alcohol rehabilitation program shall not serve to waive the application of disciplinary action deemed appropriate for the policy violation.
7. All qualified applicants for employment will be required to submit to a urine analysis test prior to hiring. Any applicant testing positive will be denied employment, and will have the right to re-apply in 30 days. Should the qualified applicant test positive the second time, he/she will not be eligible to apply to The Shockey Companies in the future.

Any qualified applicant who tests positive and in a subsequent test is "drug free", and is otherwise eligible for employment, must agree to submit to periodic, unannounced tests for a period of one year after hire, or he/she will not be employed. Should the employee test positive in one of those tests during the one year probation, the employee will be subject to termination.

8. The Company will institute an Employee Assistance Program (EAP). The Vice President of Human Resources will be the Company representative responsible for this program.



SECTION 2:
PROJECT CHARACTERISTICS
a. Project Description

- a. Provide a description of the project, including conceptual design. Describe the proposed project in sufficient detail so that type and intent of the project, the location and the communities that may be affected are clearly identified.

LOUDOUN COUNTY ADULT DETENTION CENTER – PHASE II

Shockey, LLC. proposes to finance, design, and construct a 256-bed expansion, including new intake and booking and magistrate's areas, and expand the administration and staff services area for the Loudoun County Adult Detention Center.

Please refer to Volume II, Section 2 for detailed and confidential information on the finishes and systems.



SECTION 2:
PROJECT CHARACTERISTICS
b. Work to be Performed by the County

b. Identify and fully describe any work to be performed by the County or any other public entity.

We look forward to having the active participation of Loudoun County. The County will be involved in the programming, design and construction phases of the project. At all times, the County will be intimately involved in the decisions that ultimately determine the function and appearance of the new facility. Loudoun County will have review and approval authority over the project.

In addition, it is expected that the County will provide the "owner" related services as outlined by DBIA Document No. 525, the Standard Form of Agreement Between Owner and Design-Builder with Lump Sum.



SECTION 2:
PROJECT CHARACTERISTICS
c. Permits & Approvals

c. Include a list of all federal, state and local permits and approvals required for the project and a schedule for obtaining such permits and approvals.

- DEQ Permits
- MEP Permits
- Grading Permits
- Building Permits
- Design Approvals

Specific permits will be outlined and scheduled in cooperation with the County during the negotiation of the comprehensive agreement. In addition, the proposed project will be designed in accordance with the requirements of the Virginia Board of Corrections', Standards for Planning, Design, Construction and Reimbursement of Local Correctional Facilities, effective July 1, 1994, Part V, including:

- Article 6. Construction Requirements
- Article 7. Mechanical, Plumbing and Electrical
- Article 8. Miscellaneous Construction Features

Finally, all work shall comply with the current codes and standards established by the Commonwealth of Virginia, the Commonwealth of Virginia Board of Corrections, as well as the local jurisdictions. The electrical work shall comply with regulations of the Commonwealth of Virginia Board of Corrections Standards (current), National Electrical Code (NEC), National Fire Protection Association (NFPA) and all local jurisdictions. All equipment and material shall conform to the standard of the National Electrical Manufacturer's Association (NEMA), Illuminating Engineering Society (IES), Underwriter's Laboratories, Inc (UL), Institute of Electrical and Electronic Engineering (IEEE), American National Standards Institute (ANSI) and the Insulated Power Cable Engineers Association).



SECTION 2: PROJECT CHARACTERISTICS

d. Adverse Impacts

- d. Identify any anticipated adverse social, economic, environmental and transportation impacts of the project measured against the County's comprehensive land use plan and applicable ordinances and design standards. Specify if the strategies and actions to mitigate known impacts of the project. Indicate if an environmental and archeological assessment has been completed.

Although a geotechnical report was prepared for the existing site as a part of the previous Planning Study for the facility that is currently under construction (Type II Report of Subsurface Exploration and Geotechnical Engineering Analysis, Adult Detention Center, Leesburg, Virginia, June 25, 1998), and submitted to the Department of Corrections as part of the previous Planning Study, it is our belief that another geotechnical report will be necessary for this site to further identify the soil conditions

In addition, we do not feel that there are any unusual site features that would significantly affect the project's design or cost estimate, beyond what is normal and typical for projects of this type in this area of northern Virginia. Certain site conditions will need to be addressed as part of the expansion construction, including controlled fills for the new inmate housing pods. Wetland impacts and mitigation may be encountered for the northern parking expansion. Demolition of surface parking will be required for the new intake and booking area.

Also to be noted, Loudoun County has begun a Public Safety Master Plan for the site that includes the Adult Detention Center that is currently under construction. The study, being completed by The Facility Group in association with PSA-Dewberry, will review the 92-acre piece of property that the Adult Detention Center sits on. Because of the many current and future demands on the site, including the need to expand the jail, the County is proceeding with the development of the land use master plan for this area as well as adjacent 70-acre and 20-acre parcels. The Public Safety Master Plan will be completed by Oct. 31, 2006.

Finally, it is our belief that there are no known or anticipated adverse impacts stemming from this proposal.



SECTION 2: PROJECT CHARACTERISTICS

e. Positive Impacts

- e. Identify any projected positive social, economic, environmental and transportation impacts of the project measured against the County's comprehensive land use plan and applicable ordinances and design standards.

The proposed project has a number of positive social, economic and environmental impacts. Highlights include the following:

- Relieves over-crowding by adding an additional 256 beds
- Delivers the project two years earlier than tradition design-bid-build method through a turn-key approach
- Knowledgeable team familiar with Phase I of the project and the Planning Study to expand the facility
- Accommodates space needs of growing inmate population by providing room for expansion as necessary
- Reduces cost of housing/transporting inmates to other regional jail facilities
- Offers high-quality, energy-efficient structures designed to last, with reduced life-cycle costs
- Improves life safety conditions for staff and inmates by relieving overcrowding
- Compliments the architectural style and integrity of Phase I of the facility
- Creates local construction jobs involving subcontractors during the life of the project
- Provides for minimal disturbance of natural resources and negative environmental impacts



SECTION 2:
PROJECT CHARACTERISTICS
f. Schedule

- f. Identify the proposed schedule for the work on the project, including sufficient time for the County's review and the estimated time for completion.

It is the intent of the team to have the expansion ready for occupancy as noted in the preliminary project schedule, as included as part of the confidential materials in Volume II, Section 2.



SECTION 2:
PROJECT CHARACTERISTICS
g. Contingency

g. Identify contingency plans for addressing public needs in the event that all or some of the project is not completed according to the projected schedule.

Shockey is involved in several construction projects in Loudoun County and aligns itself with subcontractors and suppliers that have proven technical experience, skilled craftsmen, and a track record of producing high quality, fully functional work. With Shockey's track record of meeting client schedules and the resources provided through our team of experienced consultants to mitigate unforeseen delays, we will meet the project schedule. Should delays occur, Shockey will work closely with the County to determine short-term solutions.

Shockey employs more than 125 expert trade people who are located 40 miles from Loudoun County Adult Detention Center and who will provide a steady stream of talented craftsmen to the jobsite.

In addition, it is important to note that the expansion will be completed without disturbing operations at the existing facility until the new housing pods are completed and ready to be tied-into the existing structure.



SECTION 2: PROJECT CHARACTERISTICS

h. Risk & Liability

- h. Propose allocation of risk and liability, and assurances for timely completion of the project.

Shockey is prepared to assume performance risks for total construction and willing to provide guarantees for those risks. We are willing to discuss in the detailed phase of this proposal the extent of the shift of risk from the public to the private sector and our team is prepared to negotiate that shift.



SECTION 2:
PROJECT CHARACTERISTICS
i. Ownership, Liability & Law Enforcement

- i. State assumptions related to ownership, legal liability, law enforcement and operation of the project and the existence of any restrictions on the County's use of the project.

In Volume II, Section 2, which has been deemed confidential and proprietary, Shockey offers options on ownership of the project. As with the current Adult Detention Center, operation will remain the responsibility of the County.



SECTION 2: PROJECT CHARACTERISTICS

j. Phasing

j. Provide information relative to phased openings of the proposed project.

The sequence of construction will be phased to have the least possible impact upon the continuing operations of the existing facility.

In addition, it is important to noted that the inmate housing expansion will be completed in total with no impact to the operation of the existing facility until tie-in is required and the new booking area will be completed in a separate area from the existing booking area with no impact to the booking functions during construction.

Details of the project phasing can be found in Volume II, Section 2.



**SECTION 2:
PROJECT CHARACTERISTICS**

k. Assumptions

k. List any other assumptions relied on for the project to be successful.

Our team relies on no other assumptions for the project to be successful other than those outlined in our approach and schedule and those outlined in Section 2 B, Work to be Performed by the County.



SECTION 3: PROJECT FINANCING

We have deemed Section 3 to be "*Confidential*." It can be found in Volume II, Section 3.



SECTION 4: PROJECT BENEFIT & COMPATIBILITY

a. Project Benefits

- a. *Identify community benefits, including the economic impact the project will have on the local community in terms of amount of tax revenue to be generated for the County, the number of jobs generated for the area residents and level of pay and fringe benefits of such jobs, and the number and value of subcontracts generated for area subcontractors.*

Shockey's proposal for the 256-bed expansion of the Adult Detention Center will provide a lasting benefit for taxpayers, staff and residents of the facility. In addition, the project will ensure that the community-at-large benefits from having state-of-the-art detention facilities. The facility will be a safe, secure environment that is aesthetically appropriate, cost-effective and constructed on a fast-track schedule.

In addition, the community will benefit from the County's increased flexibility in selecting the design and construction team. Under the PPEA, the County is able to consider more factors than afforded under the traditional procurement process. Hence, it is able to select a team of trusted and qualified experts with a track record of excellence. The result is that best-qualified team delivers a quality project in the most timely and cost-effective manner possible. This benefits the entire community.

Finally, the proposed expansion will provide for an additional 111 jobs. For more in-depth information, see Volume II, Section 3 – Financing & Operational Plan.



SECTION 4:
PROJECT BENEFIT & COMPATIBILITY
c. Public Involvement Plan

- c. Explain the strategy and plans, including the anticipated timeline that will be carried out to involve and inform the general public, business community and governmental agencies in areas affected by the project.

Our goal is to ensure that the general public is informed and comfortable with all aspects of the proposal. In order to accomplish this, we intend to:

- Make executive summaries of our proposal available to the public.
- Coordinate media outreach with the appropriate state-designated officials.
- Conduct public information sessions regarding the proposal.

While our team encourages an active and open dialogue about the proposal, all of these efforts must be closely coordinated with Loudoun County.

In the event a segment of the County raises questions or concerns targeting any aspect of the project, the Shockey, LLC team and Williams Mullen's public affairs professionals will respond quickly by interfacing with the County officials to develop an appropriate strategy and executing an agreed-upon plan the extent the County feels appropriate. By implementing this proactive approach to community education and issue management, our team gives the County an important level of control over the process.



SECTION 4:
PROJECT BENEFIT & COMPATIBILITY

d. Impact to Local Businesses

- d. Describe any anticipated significant benefits to the community and the County, including anticipated benefits to the economic, social, environmental, transportation, etc., condition of the County and whether the project is critical to attracting or maintaining competitive industries and business to the county.

Significant gains to Loudoun County include:

- Project delivery two years ahead of the traditional design-bid-build delivery method
- Eliminate need to lease beds at other regional facilities
- Provide 111 new jobs for the local community
- Reduce costs, time and risk of transporting inmates to and from other regional detention facilities



SECTION 4:
PROJECT BENEFIT & COMPATIBILITY
e. Compatibility with Local Plans & Budgets

- e. Compatibility with the County's and/or affected jurisdiction's local comprehensive plan, infrastructure development plans, transportation plans, the capital improvements plan and capital budget or other spending plan.

By including on our team several top correctional designers, our goal is to ensure that this proposal is ultimately in line with the desires of Loudoun County. In addition, this proposal has been developed in accordance with the information about the Adult Detention Center Expansion as provided in the County's Long Range and Capital Improvement Plans. Finally, the proposal ties into the initial planning study completed for the Adult Detention Center and the planning study to expand the Adult Detention center.